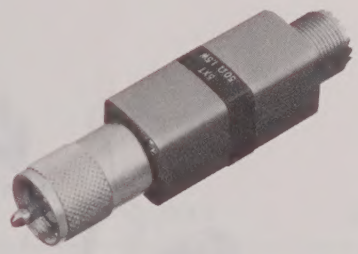
50 OHM 5X "T" ATTENUATOR, 1.5 W
(Part No. 011-0032-00)



The 50 Ω 5X Attenuator, 011-0032-00, replaces Attenuator 011-0002-00 (B52-L5). Designed for use with 50 Ω coaxial systems, the attenuator is fitted with UHF coaxial connectors. With high input impedance oscilloscopes, an external 50 Ω termination (Tektronix 011-0045-00) must be used. External termination is not necessary with systems that are internally terminated in 50 ohms.

The attenuator, a "T" configuration, has a 5:1 voltage attenuation when properly terminated. Attenuation is accurate within 2% at dc, and within 3% up to 100 MHz. The vswr does not exceed 1.20, up to 100 MHz. Maximum power dissipation is 1.5 watts.

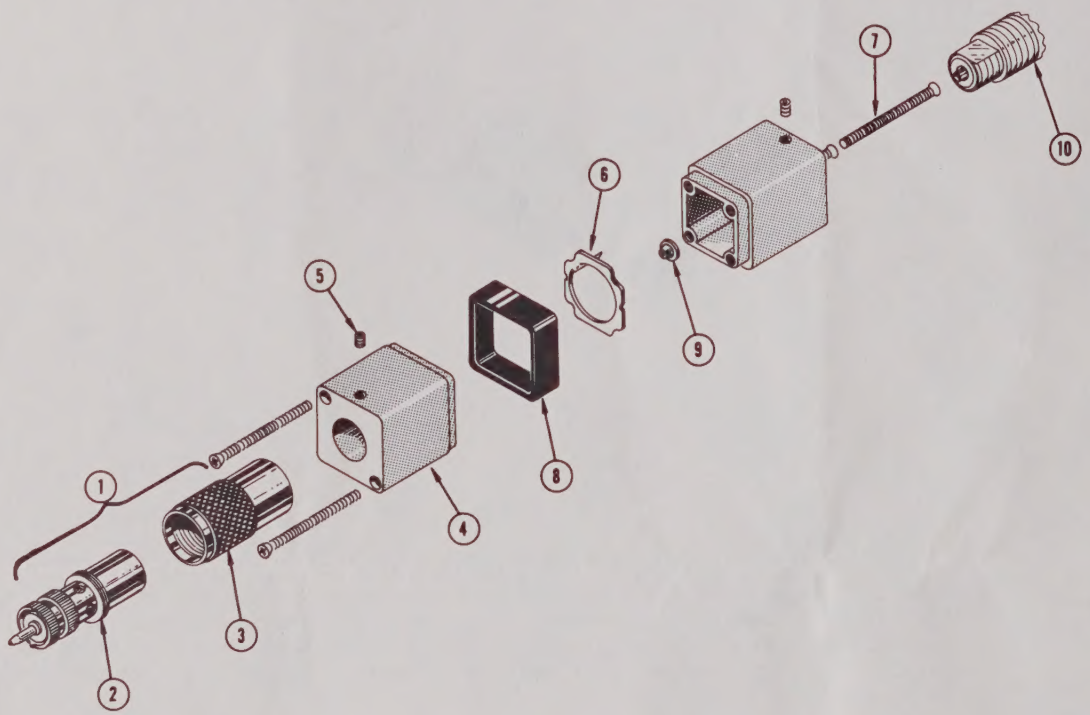
To take the attenuator apart, remove the four screws from the attenuator body. Then, unsolder the connection at the tip of the male UHF connector and pull the body apart. Do not remove the set screws on the side of the attenuator body unless the UHF connectors are to be replaced. Replace components with the original type only, maintaining the same spacing and lead length. (Note: Factory-replacement parts, ordered by Tektronix part number, may sometimes differ from original types but will not degrade performance.)

DATA SHEET NO.

061-0435-00
MARCH 1967
(Revised)

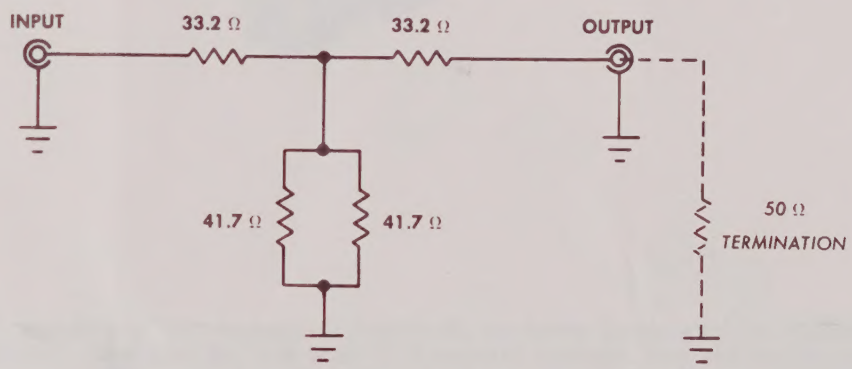
©, 1963, Tektronix, Inc.,
All rights reserved.

50 OHM 5X "T" ATTENUATOR, 1.5W
(Part No. 011-0032-00)



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-0058-00			1	ASSEMBLY, connector, coaxial, male
	- - - - - -			-	assembly includes:
2	131-0196-00			1	CONNECTOR, coaxial, 1 contact
3	200-0026-00			1	COVER, connector
4	204-0075-00			2	BODY
5	213-0048-00			2	SCREW, set, 4-40 x 1/8 inch, HSS
6	344-0052-00			1	CLIP, ground insert
7	211-0077-00			4	SCREW, 2-56 x 5/8 inch, OHS
8	354-0142-00			1	RING, indicator, green
9	210-0633-00			1	EYELET
10	131-0191-00			1	CONNECTOR, UHF, female

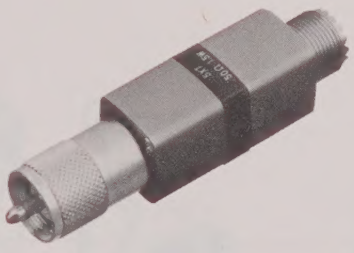
50 OHM 5X "T" ATTENUATOR, 1.5 W
(Part No. 011-0032-00)



Values are fixed unless marked Variable.

Ckt. No.	Tektronix Part No.	Serial/Model No. Eff	Disc	Description
		Resistors		
	310-0139-00	33.2 Ω	1 W	Prec 1%
	319-0049-00	41.7 Ω	1/4 W	Prec 1%

50 OHM 5X "T" ATTENUATOR, 1.5 W
(Part No. 011-0032-00)



The 50 Ω 5X Attenuator, 011-0032-00, replaces Attenuator 011-0002-00 (B52-L5). Designed for use with 50 Ω coaxial systems, the attenuator is fitted with UHF coaxial connectors. With high input impedance oscilloscopes, an external 50 Ω termination (Tektronix 011-0045-00) must be used. External termination is not necessary with systems that are internally terminated in 50 ohms.

The attenuator, a "T" configuration, has a 5:1 voltage attenuation when properly terminated. Attenuation is accurate within 2% at dc, and within 3% up to 100 MHz. The vswr does not exceed 1.20, up to 100 MHz. Maximum power dissipation is 1.5 watts.

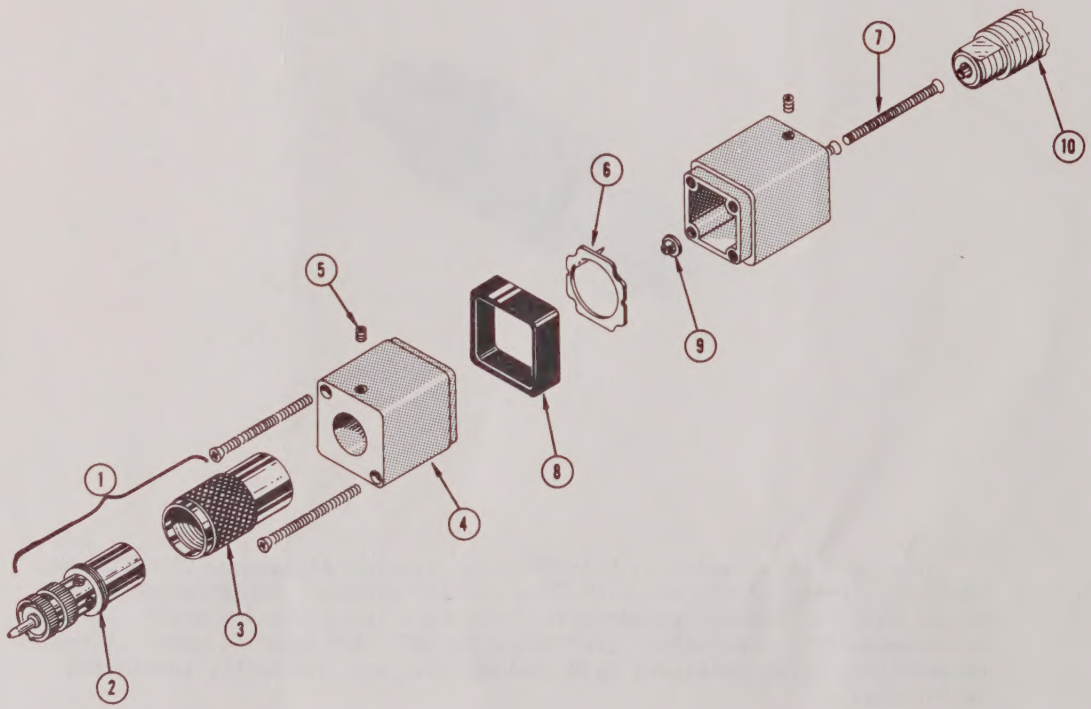
To take the attenuator apart, remove the four screws from the attenuator body. Then, unsolder the connection at the tip of the male UHF connector and pull the body apart. Do not remove the set screws on the side of the attenuator body unless the UHF connectors are to be replaced. Replace components with the original type only, maintaining the same spacing and lead length. (Note: Factory-replacement parts, ordered by Tektronix part number, may sometimes differ from original types but will not degrade performance.)

DATA SHEET NO.

061-0435-00
MARCH 1967
(Revised)

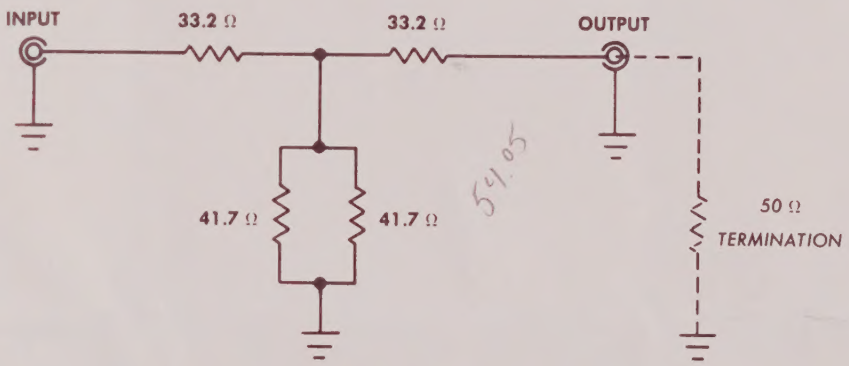
©, 1963, Tektronix, Inc.,
All rights reserved.

50 OHM 5X "T" ATTENUATOR, 1.5W
(Part No. 011-0032-00)



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-0058-00			1	ASSEMBLY, connector, coaxial, male
	- - - - - -			-	assembly includes:
2	131-0196-00			1	CONNECTOR, coaxial, 1 contact
3	200-0026-00			1	COVER, connector
4	204-0075-00			2	BODY
5	213-0048-00			2	SCREW, set, 4-40 x 1/8 inch, HSS
6	344-0052-00			1	CLIP, ground insert
7	211-0077-00			4	SCREW, 2-56 x 5/8 inch, OHS
8	354-0142-00			1	RING, indicator, green
9	210-0633-00			1	EYELET
10	131-0191-00			1	CONNECTOR, UHF, female

50 OHM 5X "T" ATTENUATOR, 1.5 W
(Part No. 011-0032-00)



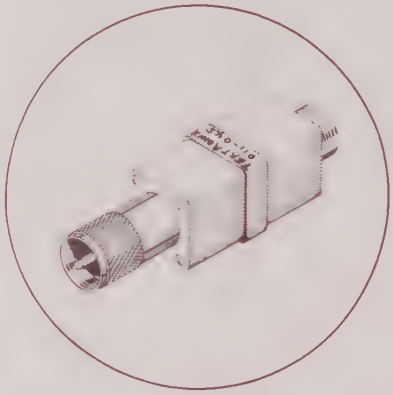
Values are fixed unless marked Variable.

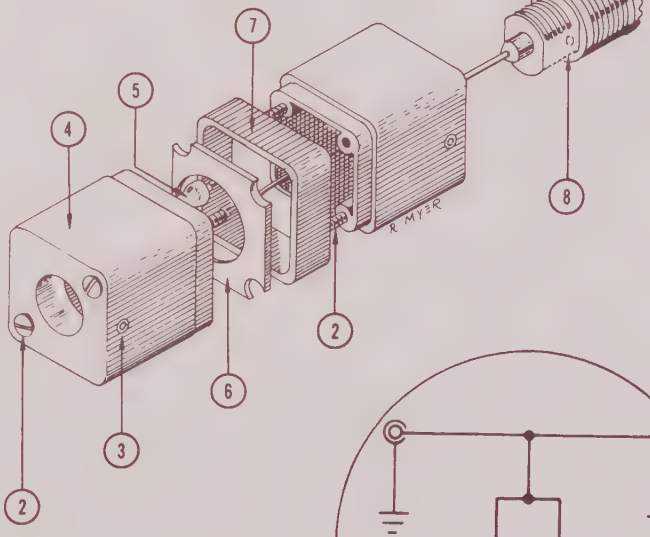
Ckt. No.	Tektronix Part No.	Serial/Model No. Eff	Disc	Description
		Resistors		
	310-0139-00	33.2 Ω	1 W	Prec 1%
	319-0049-00	41.7 Ω	1/4 W	Prec 1%

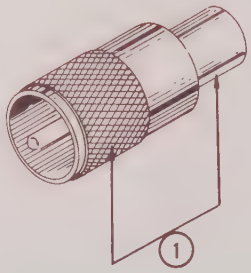
Digitized by the Internet Archive
in 2025

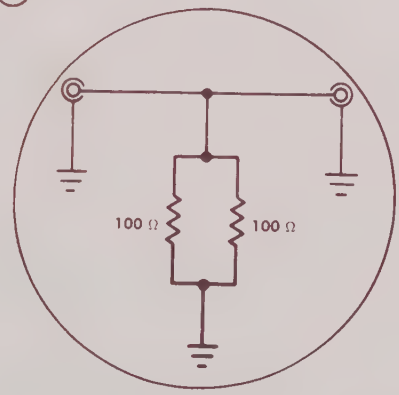
https://archive.org/details/manualsplus_08442

50 OHM TERMINATION, 1.5W
(Part No. 011-0045-00)







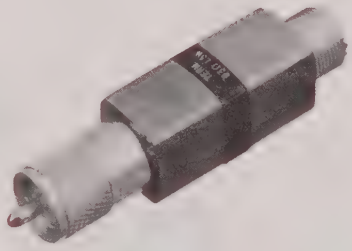


REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-0058-00			1	CONNECTOR, coax., 1 contact, assembly
	- - - - - -			-	Includes:
	200-0026-00			1	COVER, connector
	131-0196-00			1	CONNECTOR, 1 contact, male
2	211-0077-00			4	SCREW, 2-56 x 5/8 inch,
	- - - - - -			-	OHS, phillips
3	213-0048-00			2	SCREW, set, 4-40 x 1/8 in. HSD
4	204-0075-00			2	BODY
5	323-0097-00			2	RESISTOR, 100 Ω prec metal
	- - - - - -			-	film, 1/2 w ± 1%
6	344-0052-00			1	CLIP, ground insert
7	354-0152-00			1	RING, indicator, brown
8	131-0191-00			1	CONNECTOR, UHF

DATA SHEET NO.
061-0446-00
October 1965
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

93 OHM TERMINATION, 1.5 W
(Part No. 011-0047-00)



The 93 Ω Termination, 011-0047-00, replaces Termination 011-0011-00. Designed for use with 93 Ω coaxial systems, the termination is fitted with UHF coaxial connectors. For proper operation connect the termination to the input of a high-impedance oscilloscope and connect the 93 Ω system to the termination. The system is terminated in its proper impedance, but the signal passes through the termination to the oscilloscope input. Do not use the termination with low-impedance or internally-terminated oscilloscopes.

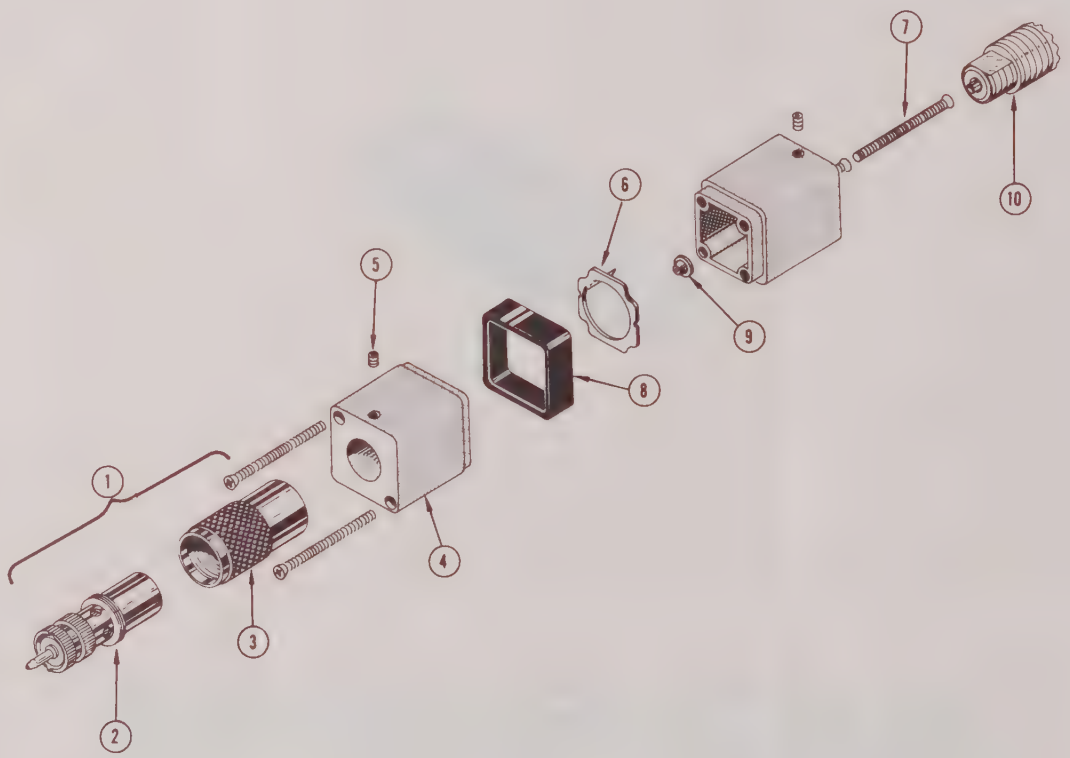
Maximum power dissipation of the termination is 1.5 watts. The vswr does not exceed 1.20, up to 100 MHz.

To take the termination apart, remove the four screws from the termination body. Then, unsolder the connection at the male UHF connector and pull the body apart. Do not remove the set screws on the side of the termination body unless the UHF connectors are to be replaced. Replace components with the original type only, maintaining the same spacing and lead length. (Note: Factory-replacement parts, ordered by Tektronix part number, may sometimes differ from original types but will not degrade performance.)

DATA SHEET NO.
061-0448-00
MARCH 1967
(Revised)

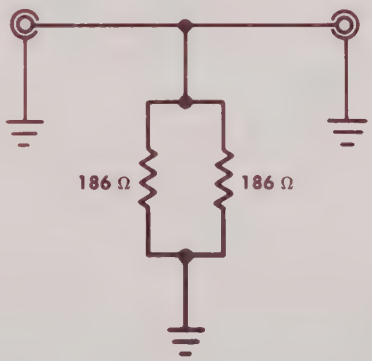
©, 1963, Tektronix, Inc.,
All rights reserved.

93 OHM TERMINATION, 1.5 W
(Part No. 011-0047-00)



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-0058-00			1	ASSEMBLY, connector, coaxial, male
-	- - - - - -			-	assembly includes:
2	131-0196-00			1	CONNECTOR, coaxial, 1 contact
3	200-0026-00			1	COVER, connector
4	204-0075-00			2	BODY
5	213-0048-00			2	SCREW, set, 4-40 x 1/8 inch, HSS
6	344-0052-00			1	CLIP, ground insert
7	211-0077-00			4	SCREW, 2-56 x 5/8 inch, OHS
8	354-0154-00			1	RING, indicator, brown
9	210-0633-00			1	EYELET
10	131-0191-00			1	CONNECTOR, UHF, female

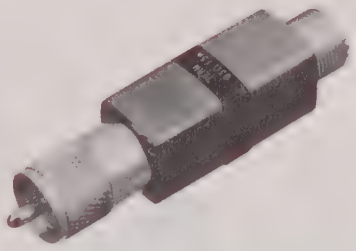
93 OHM TERMINATION, 1.5 W
(Part No. 011-0047-00)



Values are fixed unless marked Variable.

Ckt. No.	Tektronix Part No.	Serial/Model No. Eff	Disc	Description
		Resistor		
	309-0374-00	186 Ω	1/2 W	Prec 1%

93 OHM TERMINATION, 1.5 W
(Part No. 011-0047-00) # 18,70



The 93 Ω Termination, 011-0047-00, replaces Termination 011-0011-00. Designed for use with 93 Ω coaxial systems, the termination is fitted with UHF coaxial connectors. For proper operation connect the termination to the input of a high-impedance oscilloscope and connect the 93 Ω system to the termination. The system is terminated in its proper impedance, but the signal passes through the termination to the oscilloscope input. Do not use the termination with low-impedance or internally-terminated oscilloscopes.

Maximum power dissipation of the termination is 1.5 watts. The vswr does not exceed 1.20, up to 100 MHz.

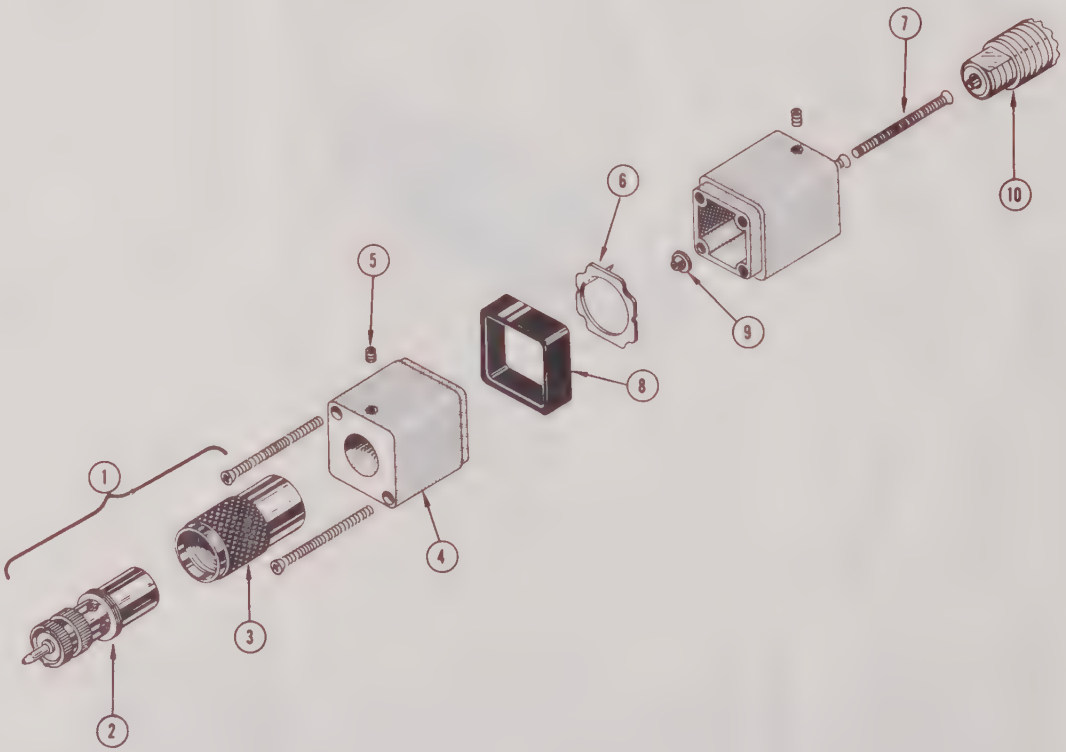
To take the termination apart, remove the four screws from the termination body. Then, unsolder the connection at the male UHF connector and pull the body apart. Do not remove the set screws on the side of the termination body unless the UHF connectors are to be replaced. Replace components with the original type only, maintaining the same spacing and lead length. (Note: Factory-replacement parts, ordered by Tektronix part number, may sometimes differ from original types but will not degrade performance.)

OCT 0 6 1972

DATA SHEET NO.
061-0448-00
MARCH 1967
(Revised)

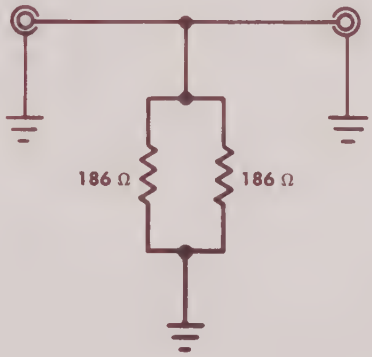
©, 1963, Tektronix, Inc.,
All rights reserved.

93 OHM TERMINATION, 1.5 W
(Part No. 011-0047-00)



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-0058-00			1	ASSEMBLY, connector, coaxial, male
	- - - - - -			-	assembly includes:
2	131-0196-00			1	CONNECTOR, coaxial, 1 contact
3	200-0026-00			1	COVER, connector
4	204-0075-00			2	BODY
5	213-0048-00			2	SCREW, set, 4-40 x 1/8 inch, HSS
6	344-0052-00			1	CLIP, ground insert
7	211-0077-00			4	SCREW, 2-56 x 5/8 inch, OHS
8	354-0154-00			1	RING, indicator, brown
9	210-0633-00			1	EYELET
10	131-0191-00			1	CONNECTOR, UHF, female

93 OHM TERMINATION, 1.5 W
(Part No. 011-0047-00)



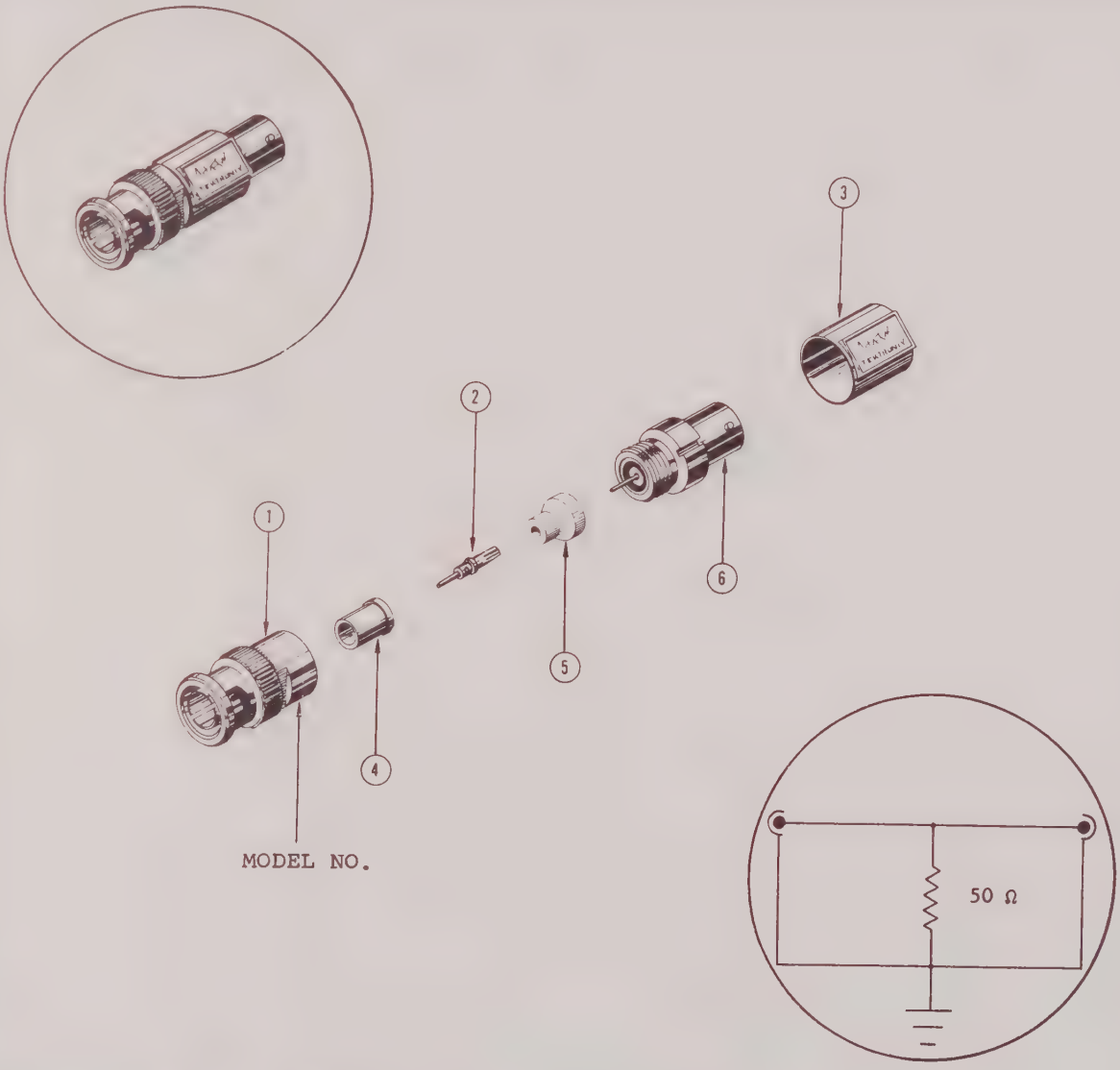
Values are fixed unless marked Variable.

Ckt. No.	Tektronix Part No.	Serial/Model No. Eff	Disc	Description
		Resistor		
	309-0374-00	186 Ω	1/2 W	Prec 1%

M12120X

2-0002

50 OHM TERMINATION
(Part No. 011-0049-00)



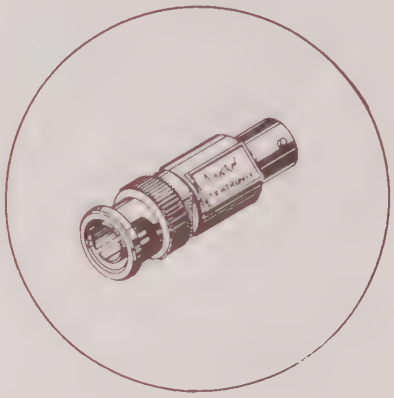
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0109-00	- - -	6438	1	PIN, probe contact, male
	214-0503-00	6439		1	PIN, contact, male
3	354-0183-00			1	RING, identification, brown
4	358-0072-00			1	BUSHING, insulator
5	361-0081-00	6439		1	SPACER, support
6	214-0401-00			1	RESISTOR, assembly, 50Ω

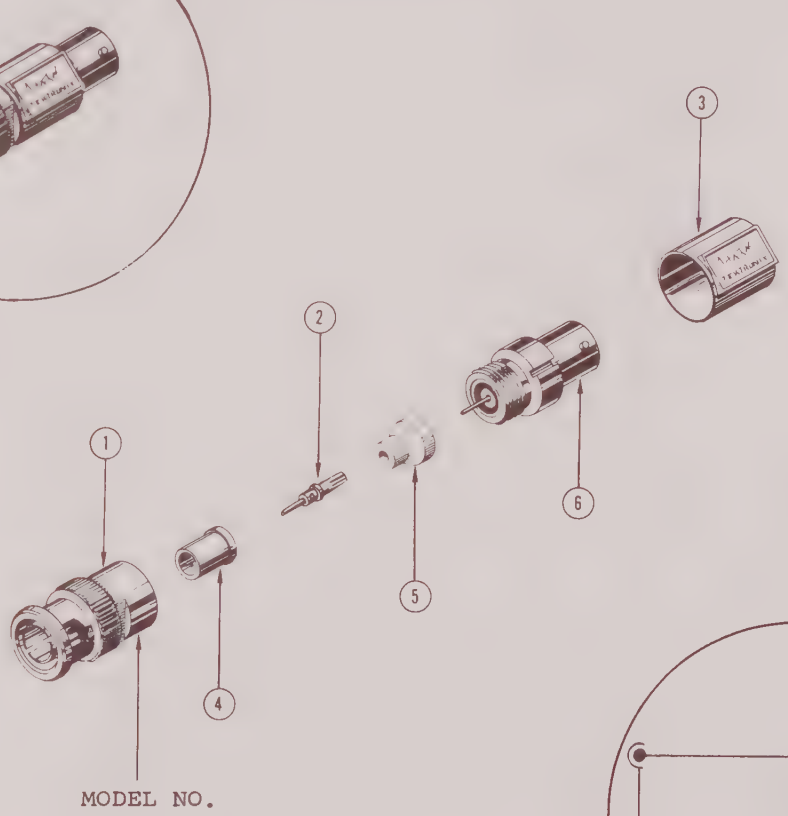
PUBLICATION NO.

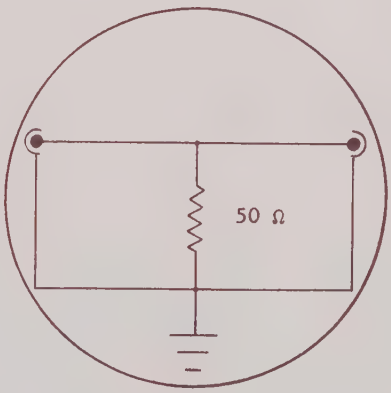
061-0672-00
March 1965
(Revised)

© 1963, Tektronix, Inc.
All rights reserved.

50 OHM TERMINATION
(Part No. 011-0049-00)







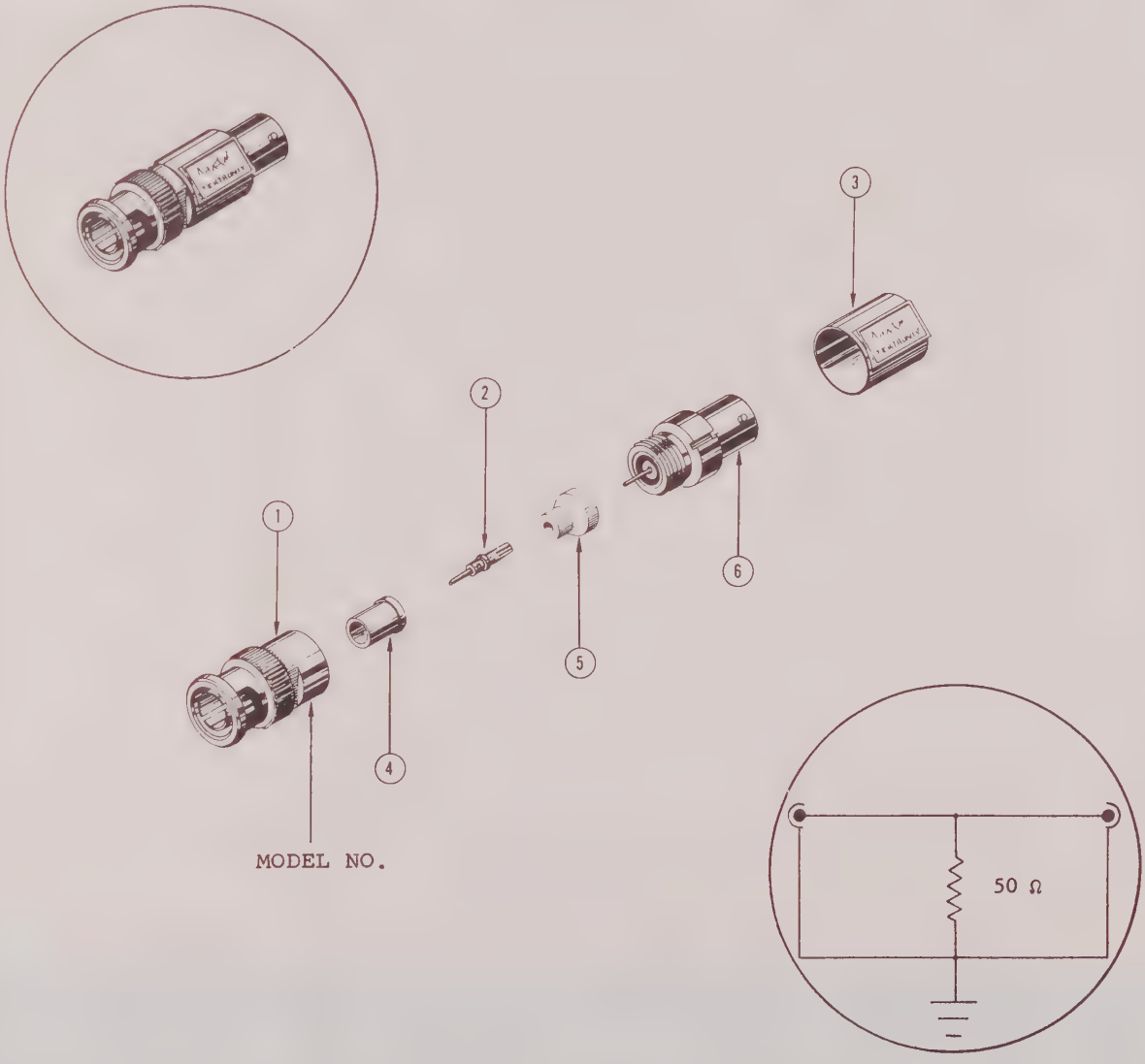
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0109-00	- - -	6438	1	PIN, probe contact, male
	214-0503-00	6439		1	PIN, contact, male
3	354-0183-00			1	RING, identification, brown
4	358-0072-00			1	BUSHING, insulator
5	361-0081-00	6439		1	SPACER, support
6	214-0401-00			1	RESISTOR, assembly, 50Ω

PUBLICATION NO.

061-0672-00
March 1965
(Revised)

©, 1963, Tektronix, Inc.
All rights reserved.

50 OHM TERMINATION
(Part No. 011-0049-00)



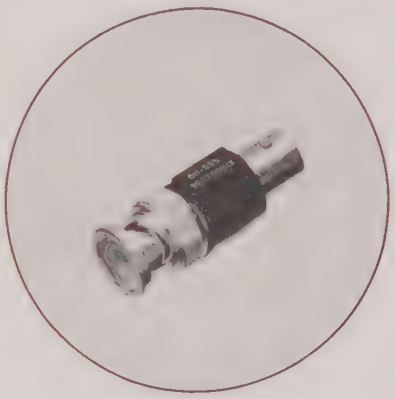
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0109-00	- - -	6438	1	PIN, probe contact, male
	214-0503-00	6439		1	PIN, contact, male
3	354-0183-00			1	RING, identification, brown
4	358-0072-00			1	BUSHING, insulator
5	361-0081-00	6439		1	SPACER, support
6	214-0401-00			1	RESISTOR, assembly, 50Ω

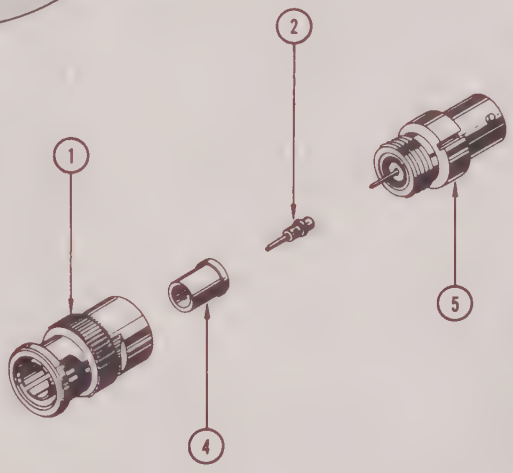
PUBLICATION NO.

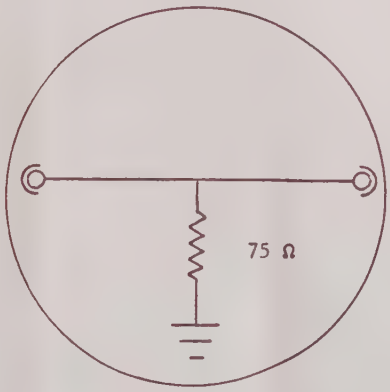
061-0672-00
March 1965
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

75 OHM TERMINATION (BNC)
(Part No. 011-0055-00)







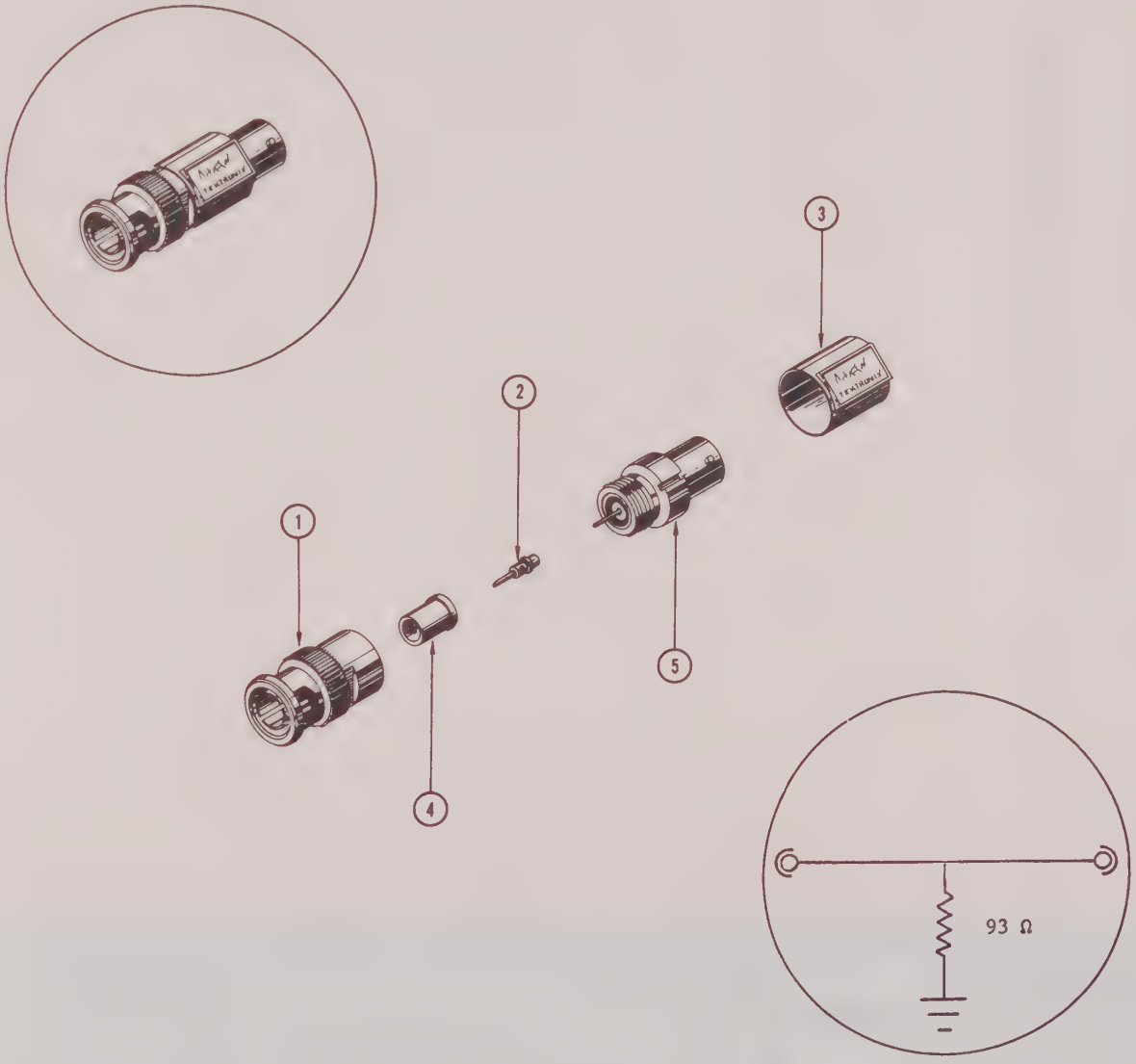
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0503-00			1	CONTACT, BNC
3	354-0213-00			1	RING, identification, brown
4	358-0072-00			1	BUSHING, insulator
5	214-0403-00			1	RESISTOR, assembly, 75 Ω
	361-0081-00			1	SPACER, support (not shown)

DATA SHEET NO.
061-0981-00
October 1965
(Revised)

©, 1963, Tektronix, Inc.
All rights reserved.

93 OHM TERMINATION (BNC)
(Part No. 011-0056-00)

5985-951-5289

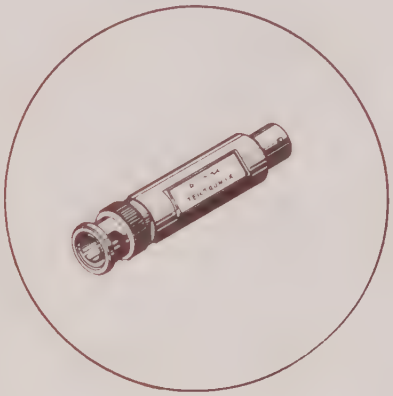


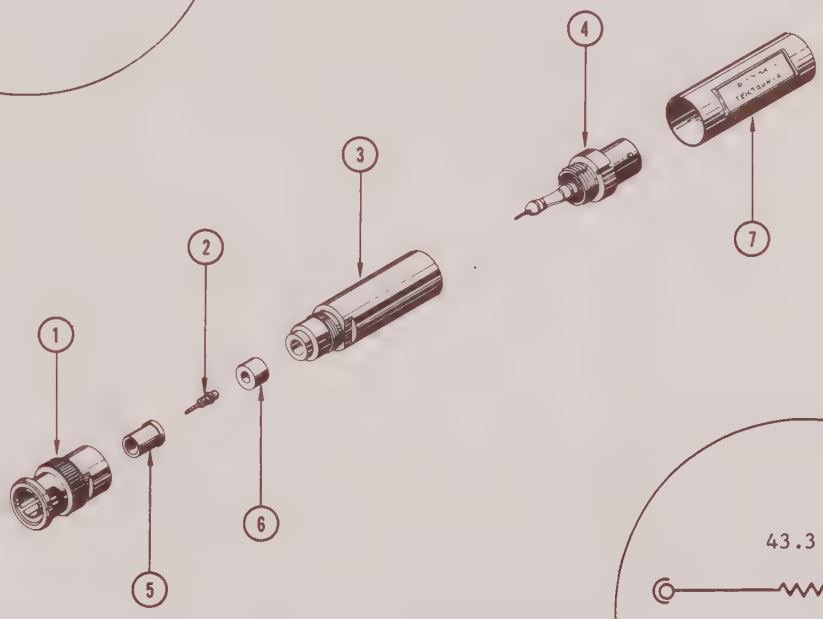
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0503-00			1	CONTACT, 50 Ω, BNC
	361-0081-00			1	SPACER, support, 0.316 inch long (not shown)
3	354-0214-00			1	RING, identification, brown
4	358-0072-00			1	BUSHING, insulator
5	214-0405-00			1	RESISTOR, assembly, 93 Ω

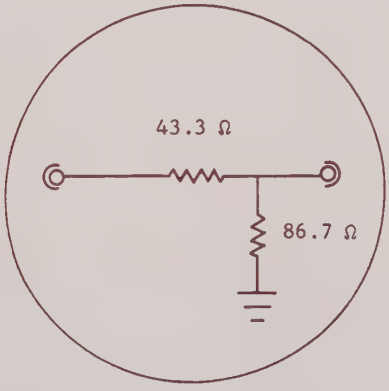
DATA SHEET NO.
061-0982-00
December 1965
(Revised)

Copyright © 1963, 1965, Tektronix, Inc. Inc. All Rights Reserved.

50-75 OHM MIN. LOSS (BNC)
(Part No. 011-0057-00)





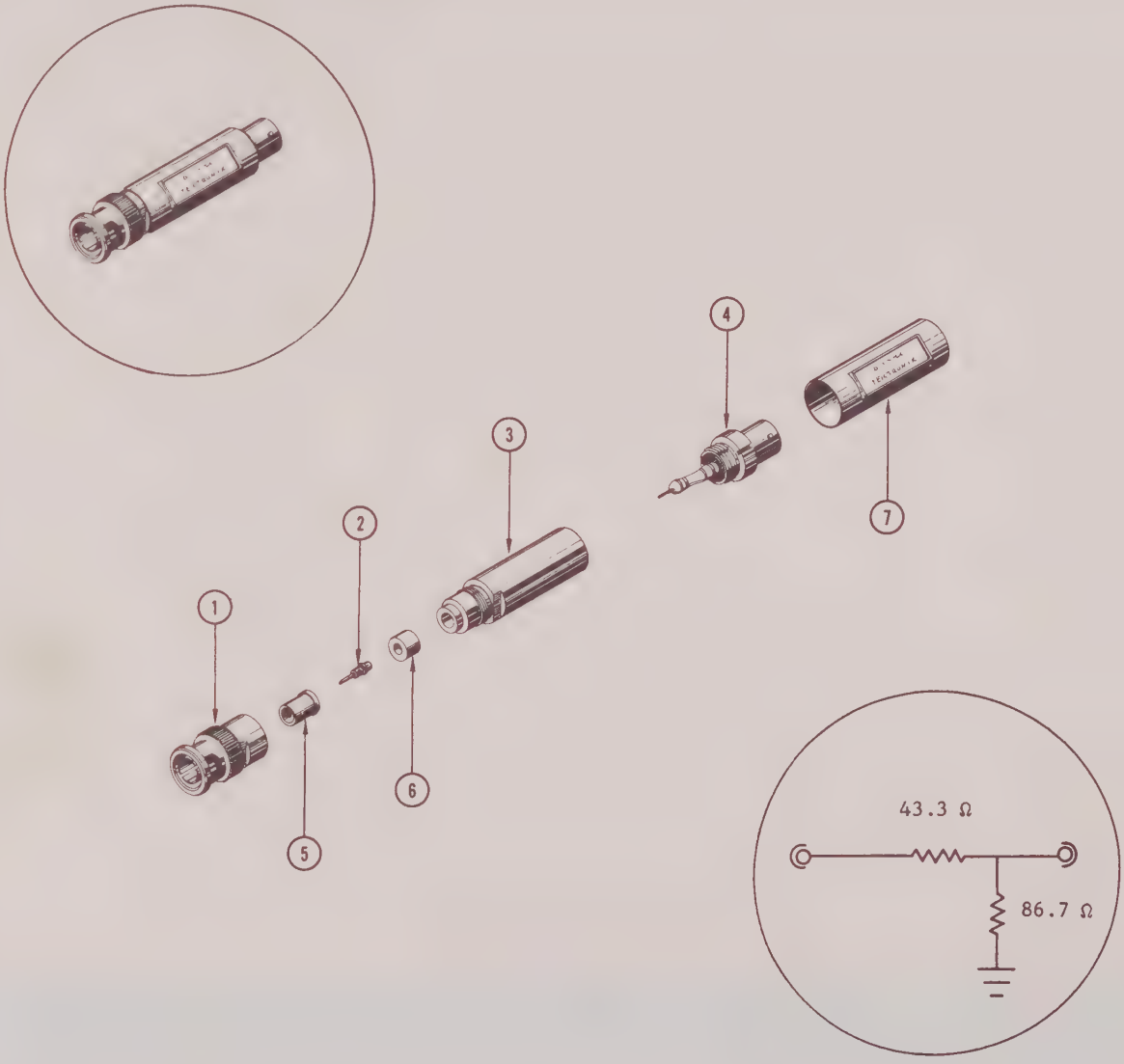


REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0109-00			1	PIN, probe contact, male
3	204-0209-00			1	BODY, attenuator
4	214-0404-00			1	RESISTOR, assembly, 86.7 Ω
5	358-0072-00			1	BUSHING, insulator
6	358-0079-00			1	BUSHING, insulator, 0.140 inch long
7	200-0531-00			1	COVER, identification, white

DATA SHEET NO.
061-0987-00
November 1965
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

50-75 OHM MIN. LOSS (BNC)
(Part No. 011-0057-00)

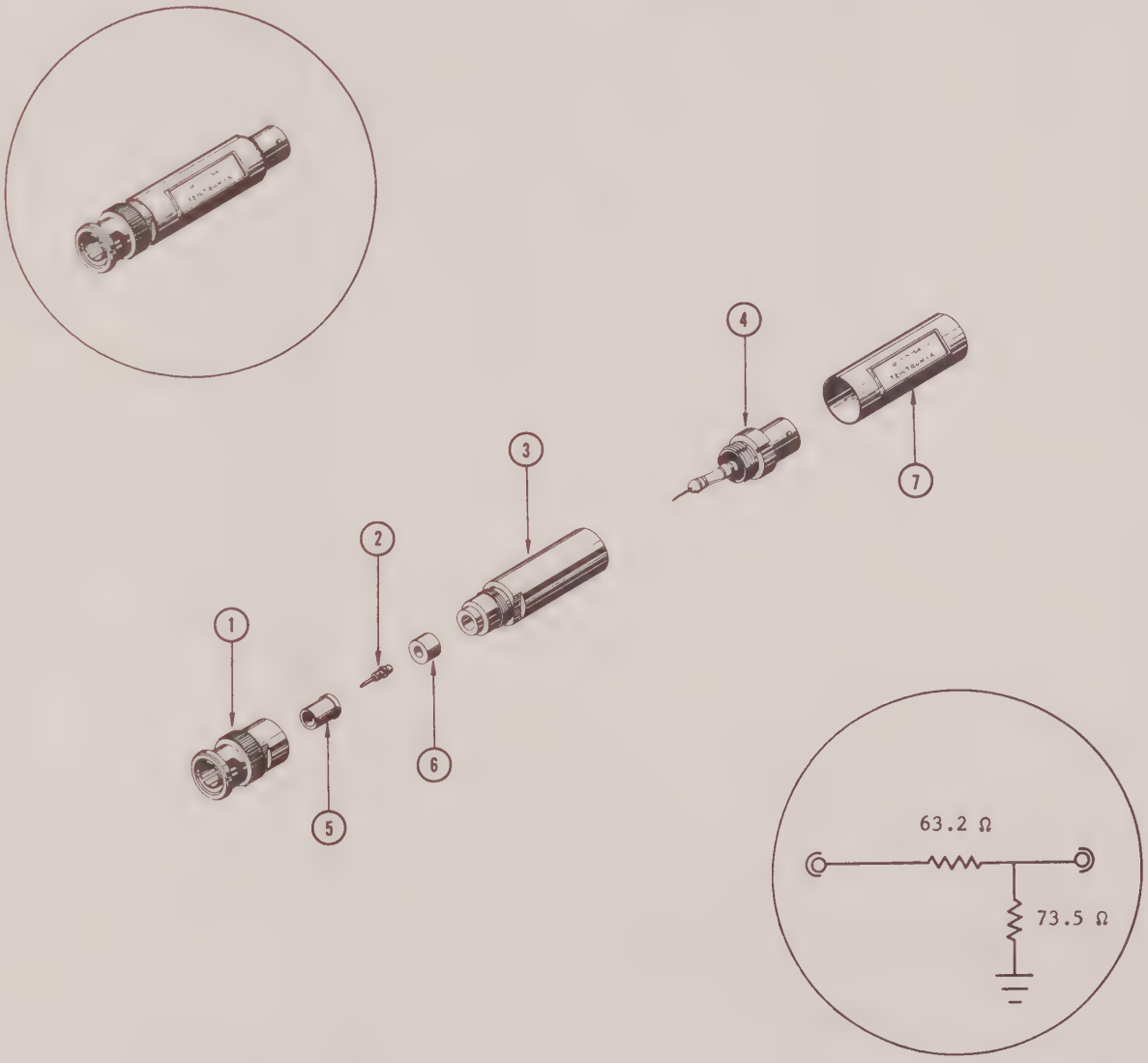


REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0109-00			1	PIN, probe contact, male
3	204-0209-00			1	BODY, attenuator
4	214-0404-00			1	RESISTOR, assembly, 86.7 Ω
5	358-0072-00			1	BUSHING, insulator
6	358-0079-00			1	BUSHING, insulator, 0.140 inch long
7	200-0531-00			1	COVER, identification, white

DATA SHEET NO.
061-0987-00
November 1965
(Revised)

©, 1963, Tektronix, Inc.
All rights reserved.

50-93 OHM MIN. LOSS (BNC)
(Part No. 011-0058-00)



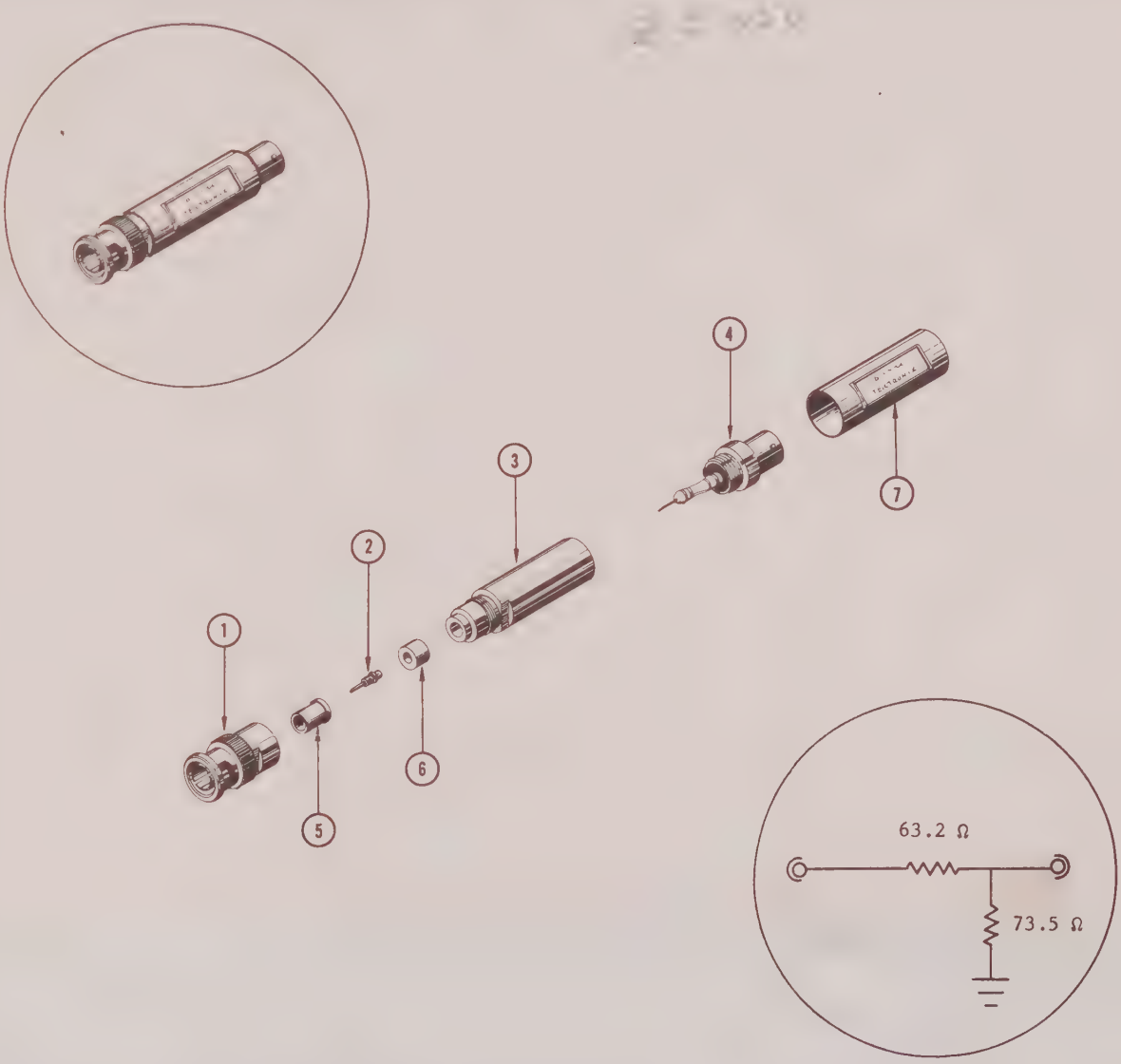
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0109-00			1	PIN, probe contact, male
3	204-0209-00			1	BODY, attenuator
4	214-0402-00			1	RESISTOR, assembly, 73.5 Ω
5	358-0072-00			1	BUSHING, insulator
6	358-0079-00			1	BUSHING, insulator, .140 long
7	200-0530-00			1	COVER, identification, white

PUBLICATION NO.

061-0988-00
August 1965
(Revised)

© 1963, Tektronix, Inc.
All rights reserved.

50-93 OHM MIN. LOSS (BNC)
(Part No. 011-0058-00)



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0109-00			1	PIN, probe contact, male
3	204-0209-00			1	BODY, attenuator
4	214-0402-00			1	RESISTOR, assembly, 73.5 Ω
5	358-0072-00			1	BUSHING, insulator
6	358-0079-00			1	BUSHING, insulator, .140 long
7	200-0530-00			1	COVER, identification, white

PUBLICATION NO.

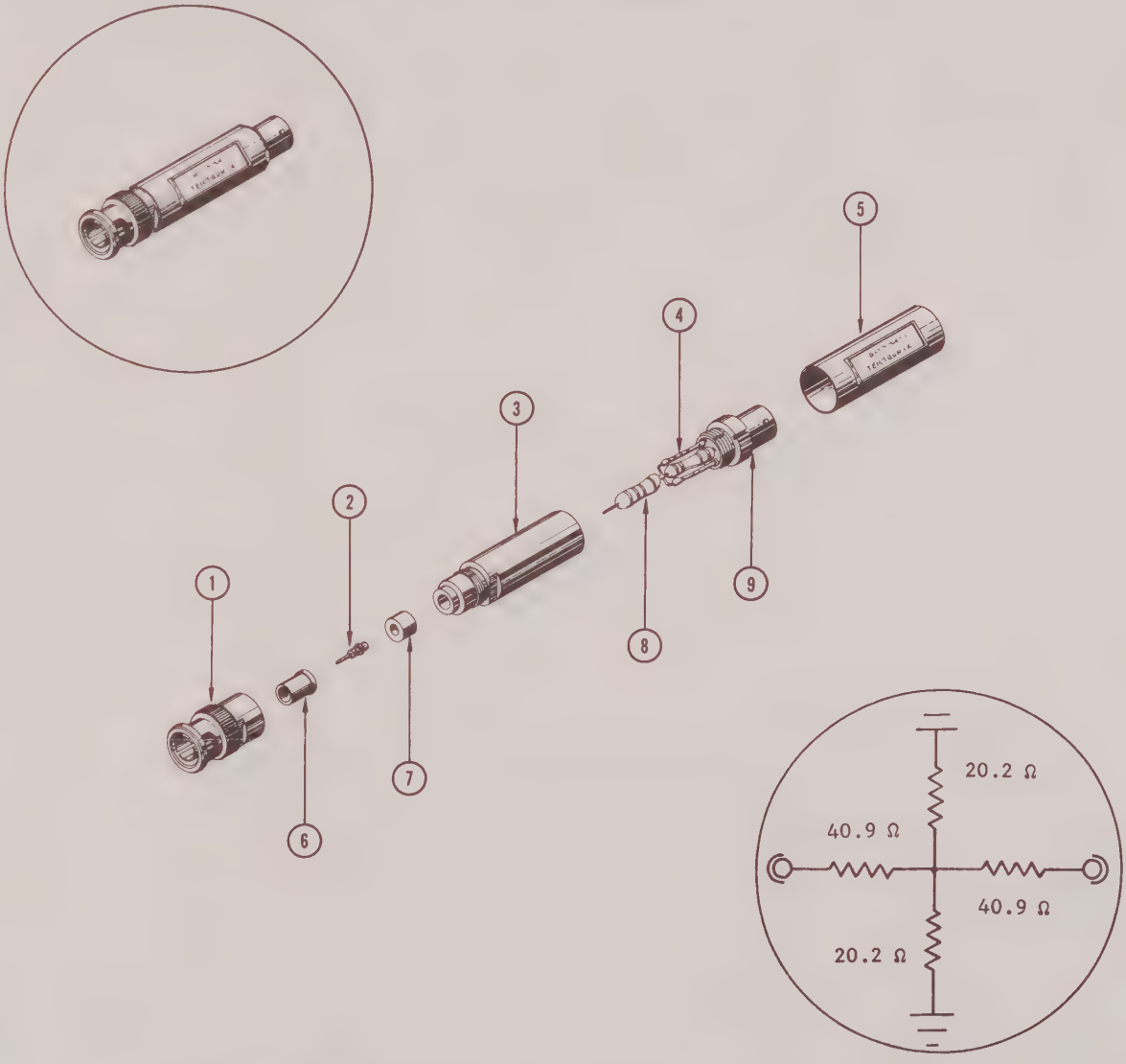
061-0988-00
August 1965
(Revised)

© 1963, Tektronix, Inc.
All rights reserved.

QL-858-110

Simeon

50 OHM 10X ATTENUATOR (BNC)
(Part No. 011-0059-00)

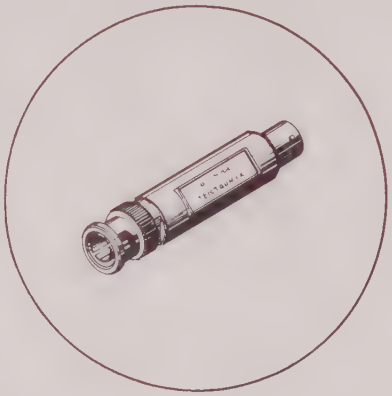


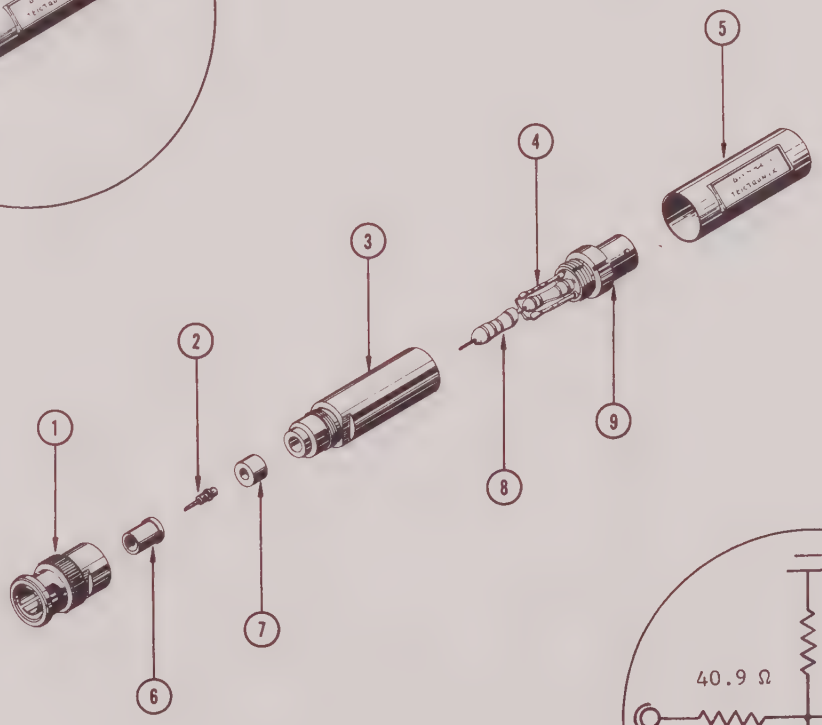
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0109-01			1	PIN, probe contact, male
3	204-0210-00			1	BODY, attenuator
4	319-0048-00			2	RESISTOR, 20.2 Ω, 1/4 w,
	- - - - - -			-	prec., 1%
5	200-0529-00			1	COVER, identification
6	358-0072-00			1	BUSHING, insulator
7	358-0079-00			1	BUSHING, insulator,
	- - - - - -			-	.140 long
8	323-0646-00			2	RESISTOR, 40.9 Ω, 1/2 w,
	- - - - - -			-	prec., 1%
9	131-0318-00			1	CONNECTOR, BNC, w/7/16-28 threads

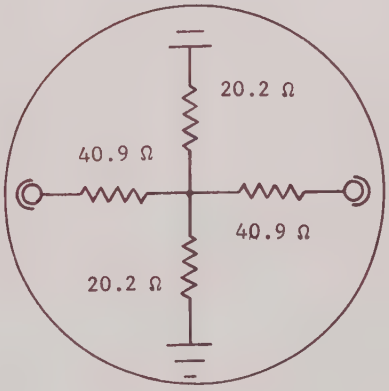
DATA SHEET
NO. 061-0979-00
DATE OCT. 1967(R)

COPYRIGHT © 1963
TEKTRONIX INC.
ALL RIGHTS RESERVED

50 OHM 10X ATTENUATOR (BNC)
(Part No. 011-0059-00)





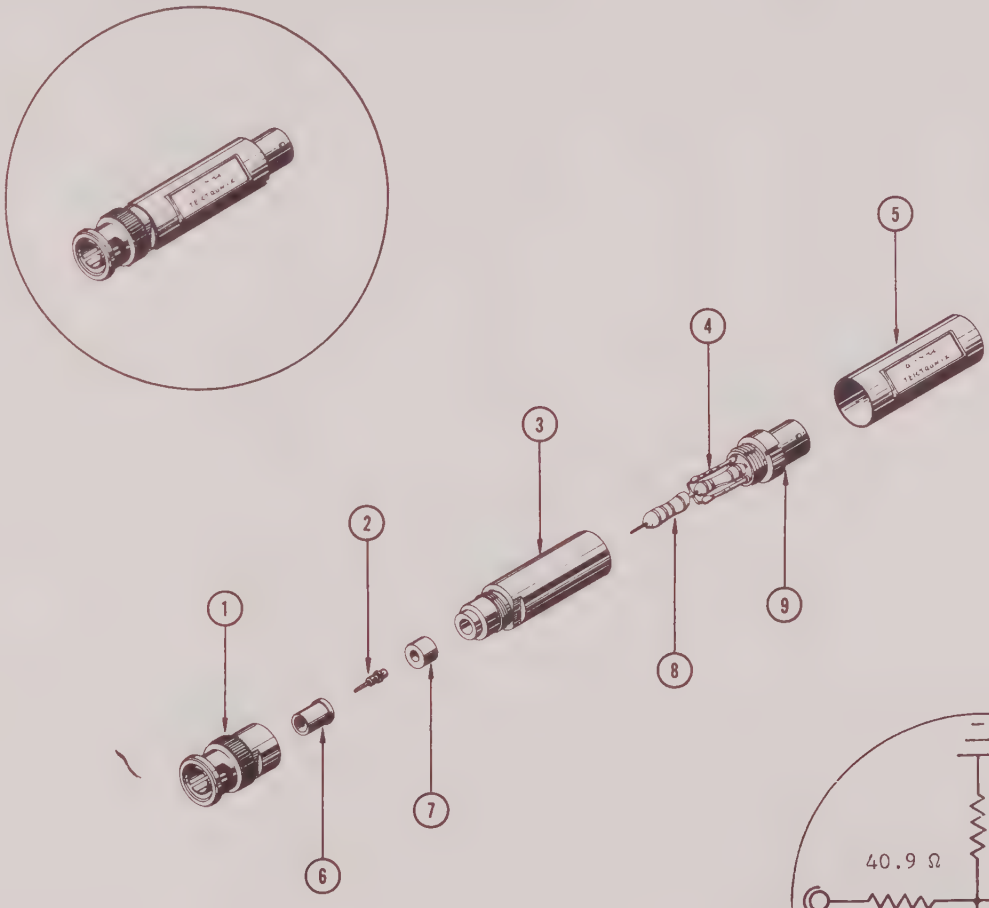


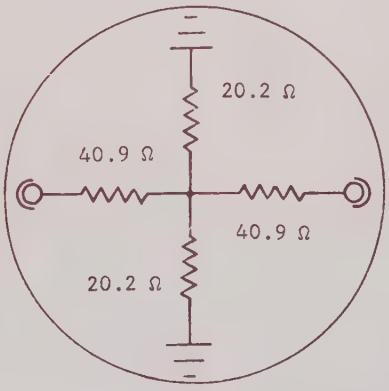
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0109-01			1	PIN, probe contact, male
3	204-0210-00			1	BODY, attenuator
4	319-0048-00			2	RESISTOR, 20.2 Ω, 1/4 w,
	- - - - - -			-	prec., 1%
4	200-0529-00			1	COVER, identification
6	358-0072-00			1	BUSHING, insulator
7	358-0079-00			1	BUSHING, insulator,
	- - - - - -			-	.140 long
8	323-0646-00			2	RESISTOR, 40.9 Ω, 1/2 w,
	- - - - - -			-	prec., 1%
9	131-0318-00			1	CONNECTOR, BNC, w/7/16-28 threads

DATA SHEET NO.
061-0979-00
October 1966
(Revised)

© 1963, Tektronix, Inc.,
All rights reserved.

50 OHM 10X ATTENUATOR (BNC)
(Part No. 011-0059-00)



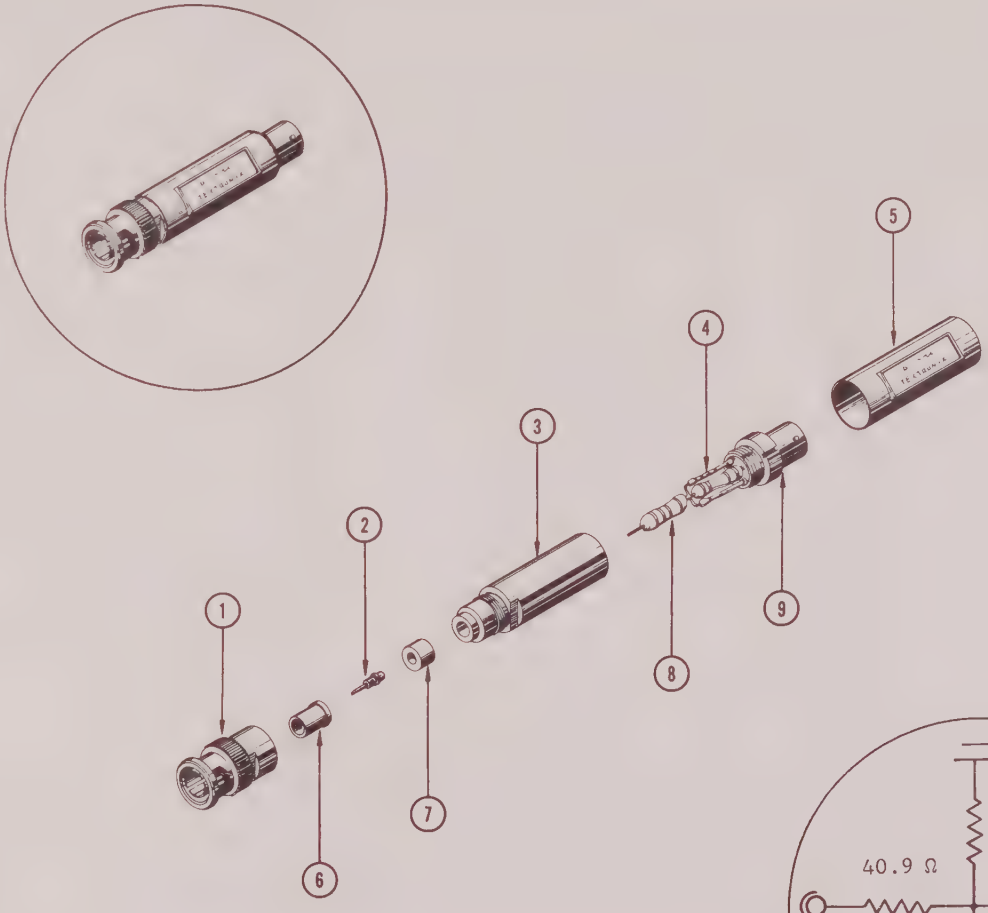


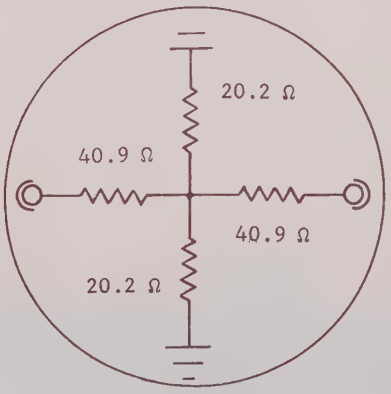
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0109-01			1	PIN, probe contact, male
3	204-0210-00			1	BODY, attenuator
4	319-0048-00			2	RESISTOR, 20.2 Ω, 1/4 w,
	- - - - - -			-	prec., 1%
4	200-0529-00			1	COVER, identification
6	358-0072-00			1	BUSHING, insulator
7	358-0079-00			1	BUSHING, insulator,
	- - - - - -			-	.140 long
8	323-0646-00			2	RESISTOR, 40.9 Ω, 1/2 w,
	- - - - - -			-	prec., 1%
9	131-0229-00			1	CONNECTOR, BNC

PUBLICATION NO.
061-0979-00
February 1965
(Revised)

© 1963, Tektronix, Inc.,
All rights reserved.

50 OHM 10X ATTENUATOR (BNC)
(Part No. 011-0059-00)





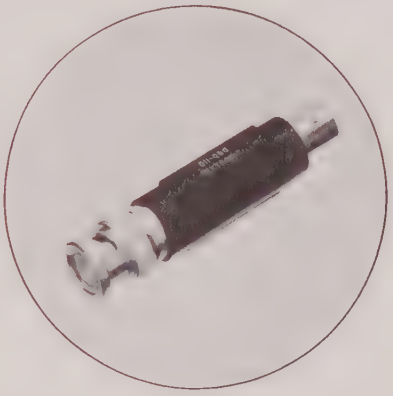
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	214-0109-01			1	PIN, probe contact, male
3	204-0210-00			1	BODY, attenuator
4	319-0048-00			2	RESISTOR, 20.2 Ω, 1/4 w,
	- - - - - -			-	prec., 1%
4	200-0529-00			1	COVER, identification
6	358-0072-00			1	BUSHING, insulator
7	358-0079-00			1	BUSHING, insulator,
	- - - - - -			-	.140 long
8	323-0646-00			2	RESISTOR, 40.9 Ω, 1/2 w,
	- - - - - -			-	prec., 1%
9	131-0318-00			1	CONNECTOR, BNC, w/7/16-28 threads

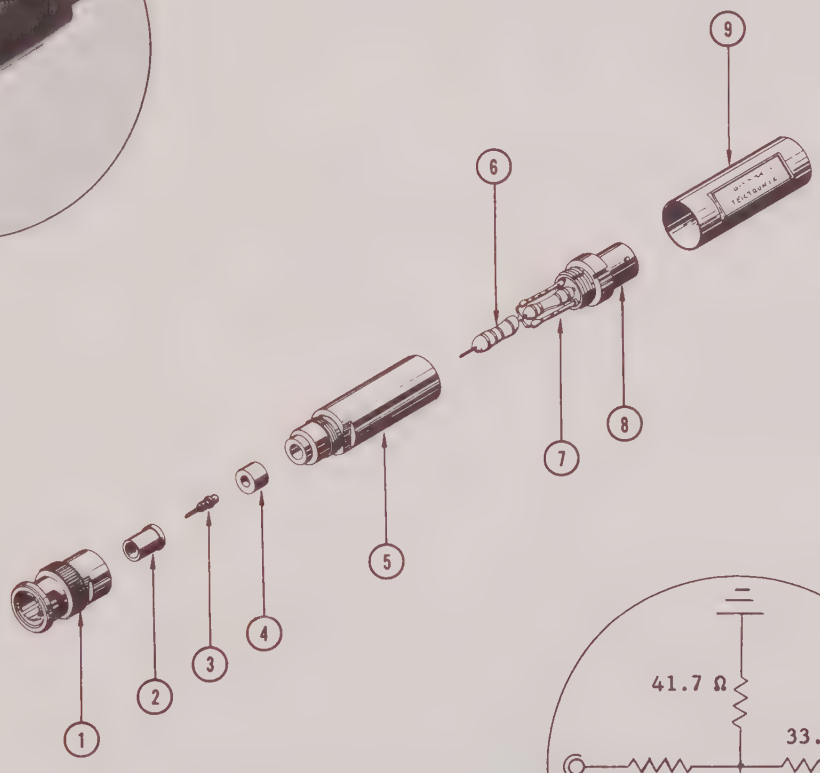
DATA SHEET NO.
061-0979-00
October 1966
(Revised)

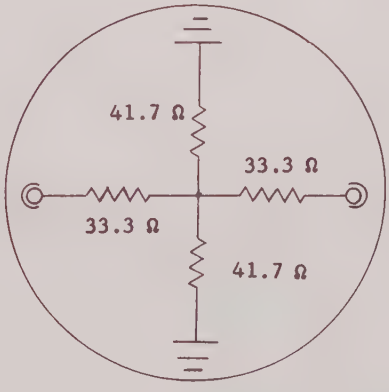
© 1963, Tektronix, Inc.,
All rights reserved.

Electronic Services - Los Angeles
M12119X

50 OHM 5X ATTENUATOR (BNC)
(Part No. 011-0060-00)







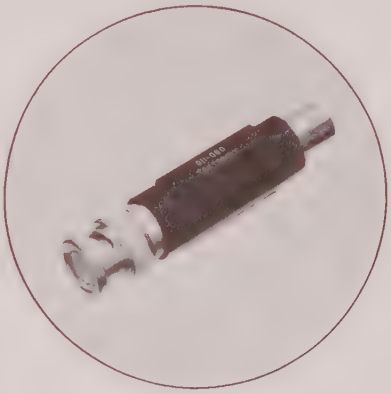
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	358-0072-00			1	BUSHING, insulator
3	214-0109-00			1	PIN, probe contact, male
4	358-0079-00			1	BUSHING, insulator, .140 inches
5	204-0210-00			1	BODY, attenuator, BNC
6	323-0645-00			2	RESISTOR, 33.3 Ω 1/2 w prec. 1%
7	319-0049-00			2	RESISTOR, 41.7 Ω 1/4 w prec. 1%
8	131-0318-00			1	CONNECTOR, BNC
9	200-0528-00			1	COVER, identification

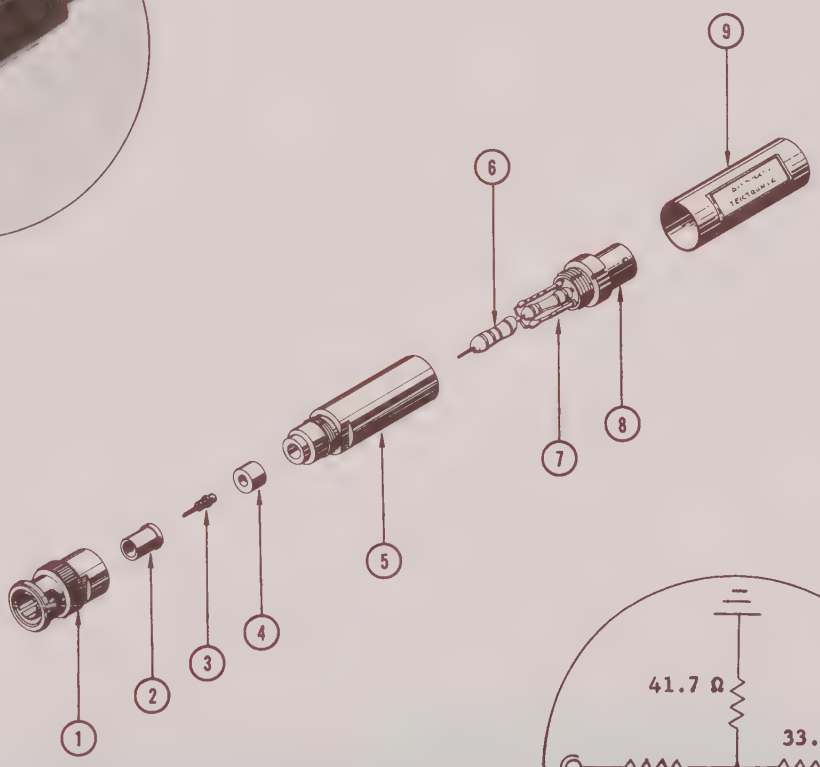
DATA SHEET NO.

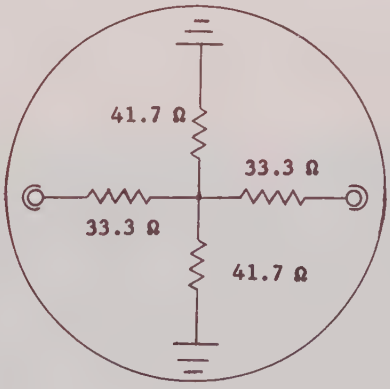
061-0966-00
October 1965
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

50 OHM 5X ATTENUATOR (BNC)
(Part No. 011-0060-00)







REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	134-0044-00			1	PLUG, probe
2	358-0072-00			1	BUSHING, insulator
3	214-0109-00			1	PIN, probe contact, male
4	358-0079-00			1	BUSHING, insulator, 0.140 inches
5	204-0210-00			1	BODY, attenuator, BNC
6	323-0645-00			2	RESISTOR, 33.3 Ω, 1/2W, Prec, ±1%
7	319-0049-00			2	RESISTOR, 41.7 Ω, 1/4W Prec, ±1%
8	131-0318-00			1	CONNECTOR, BNC
9	200-0528-00			1	COVER, identification

DATA SHEET NO.
061-0966-00
February 1966
(Revised)

© 1963, Tektronix, Inc.,
All rights reserved.

Instructions

Tektronix

011-0102-01
75 Ohm Termination, BNC

062-5498-00

Please check for change information at the rear of this manual.

First Edition: January 1981
Last Revised: February 1986

Copyright © Tektronix, Inc. 1981. All rights reserved.

Tektronix products are covered by U.S. and foreign patents, issued and pending. Information in this publication supercedes that in all previously published material. Specifications and price change privileges reserved.

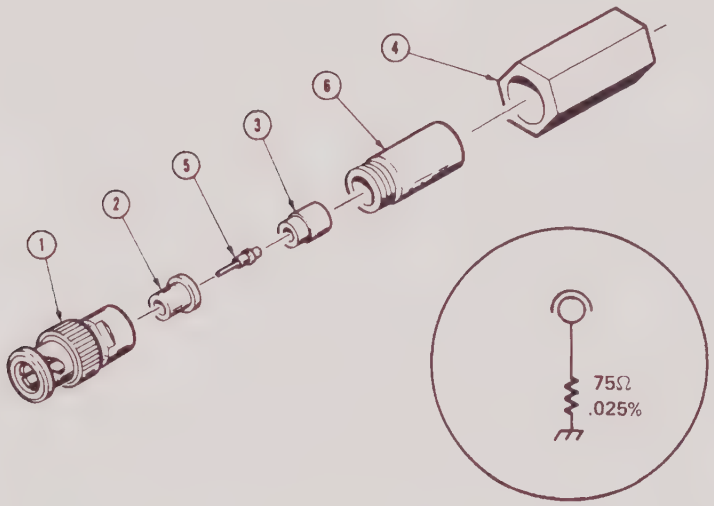
Printed in the U.S.A.

Tektronix, Inc., P.O. Box 1000, Wilsonville, OR 97070–1000

TEKTRONIX and TEK are registered trademarks of Tektronix, Inc.

75 OHM TERMINATION, BNC

Part No. 011-0102-01



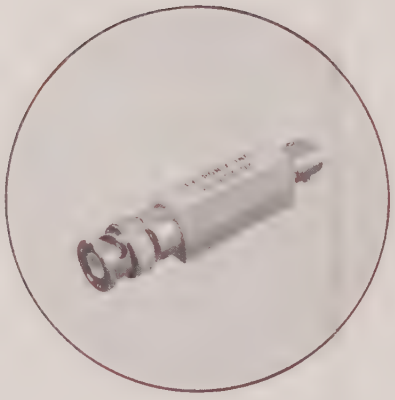
The 011-0102-01 is a 75 ohm precision terminator with a tolerance specification of 0.025%. It was mainly designed to be used as part of a test setup with the 067-0916-00 Video Amplitude Calibration Fixture (VAC). However, the 011-0102-01 may find applications in any setup that requires an accurate termination to minimize signal errors. For further information in regards to its application with the VAC, refer to the Operating Instructions section in the 070-3643-00 Instruction Manual.

Fig. & Index No.	Tektronix Part No.	Serial/Assembly No. Effective	Dscont	Qty	12345 Name & Description	Mfr. Code	Mfr. Part No.
1-1	134-0044-00			1	SHELL,ELEC CONN:BNC	02660	31-202-1002
-2	358-0072-00			1	INSULATOR,BSHG:0.192ID X 0.1920D X 0.323	80009	358-0072-00
-3	361-0022-00			1	INSULATOR,BSHG:0.29 ID X 0.29 OD X 0.353 L	80009	361-0022-00
-4	334-1368-01			1	SLEEVE,MKR,CA:MKD,TERMINATION,75 OHM,5V	80009	334-1368-01
-5	214-0109-00			1	CONTACT,ELEC:CONN CTR CONT	24931	C-1174
-6	204-0378-00			1	BODY,TERMN:BNC	80009	204-0378-00
	325-0358-00			1	RES,FXD,FILM:75 OHM,0.01%,0.5W	80009	325-0358-00
					STANDARD ACCESSORIES		
	062-5498-00			1	DATA SHEET:	80009	062-5498-00

CROSS INDEX - MFR. CODE NUMBER TO MANUFACTURER

Mfr. Code	Manufacturer	Address	City, State, Zip Code
02660	BUNKER RAMO CORP AMPHENOL NORTH AMERICA DIV	2801 S 25TH AVE	BROADVIEW IL 60153
24931	SPECIALTY CONNECTOR CO INC	2620 ENDRESS PLACE P O BOX D	GREENWOOD IN 46142
80009	TEKTRONIX INC	4900 S W GRIFFITH DR P O BOX 500	BEAVERTON OR 97077

75 OHM TERMINATION, BNC, 0.25 W
(Part No. 011-0103-02)



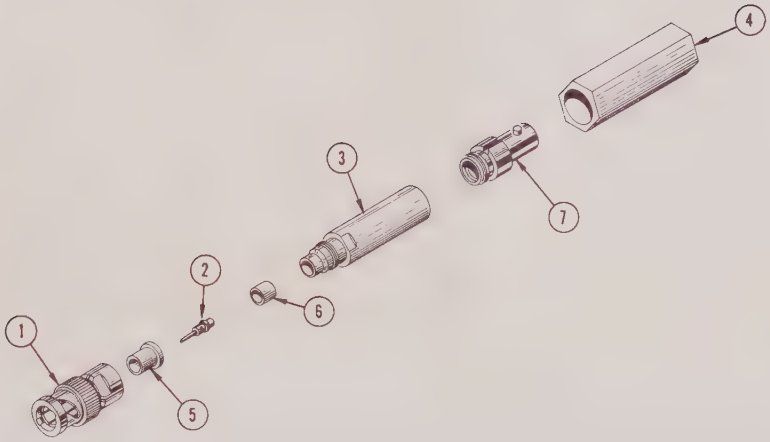


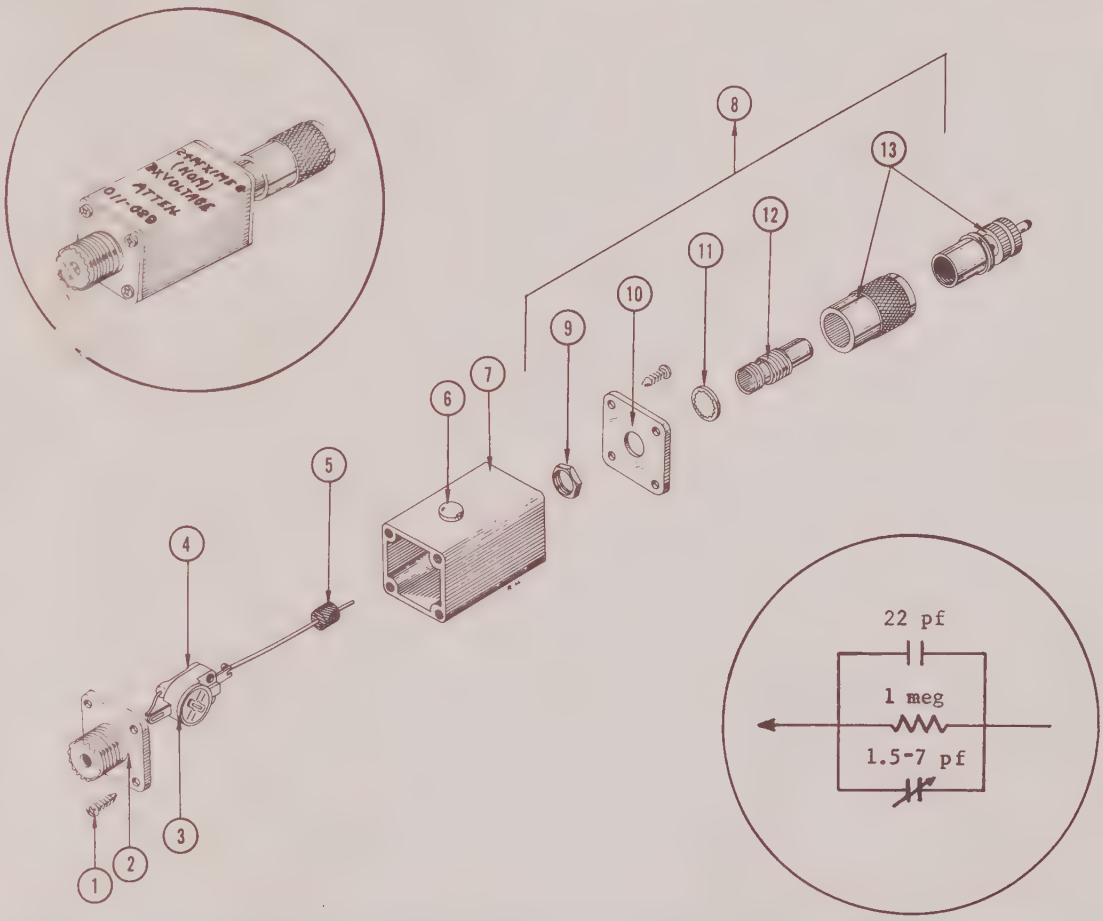
Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Serial/Model No. Disc	Qty	Description
1	134-0044-00			1	PLUG, BNC
2	214-0109-01			1	PIN, contact, male
3	204-0209-00			1	BODY, attenuator, BNC
4	334-1369-02			1	SLEEVE, identification, white
5	358-0072-00			1	BUSHING, insulator, 0.323 inch long
6	358-0079-00			1	BUSHING, insulator, 0.140 inch long
7	131-0318-00			1	CONNECTOR, BNC, female
					ELECTRICAL PARTS
	321-0114-07			2	RESISTOR, 150 Ω, 1/8 W, Prec, 1/10%

DATA SHEET
NO. 062-1060-00
DATE MAR. 1969(R)

COPYRIGHT © 1969
TEKTRONIX INC.
ALL RIGHTS RESERVED

Smead®
No. 153L
MN - LOS ANGELES

24 PF INPUT TIME-CONSTANT STANDARDIZER
(Part No. 011-029)



REF. NO.	PART NO.	SERIAL NO. EFF.	SERIAL NO. DISC.	QTY.	DESCRIPTION
1.	213-045			8	SCREW
2.	131-051			1	CONNECTOR, female
3.	281-005			1	CAPACITOR (1.5 - 7pf)
4.	281-511			1	CAPACITOR (22pf)
	309-417			1	RESISTOR (1 meg)
5.	384-120			1	ROD
6.	134-025			1	PLUG
7.	391-047			1	BLOCK
8.	131-066			1	CONNECTOR, coax. assembly
					Includes:
9.	210-413			1	NUT
10.	386-342			1	PLATE
11.	210-012			1	LOCKWASHER
12.	102-006			1	REDUCER
13.	131-058			1	CONNECTOR, male
					Includes:
	200-026			1	COVER
	131-196			1	CONNECTOR

Publication
061-656
January 1963

©, 1963, Tektronix, Inc., P. O. Box 500
Beaverton, Oregon. All rights reserved.

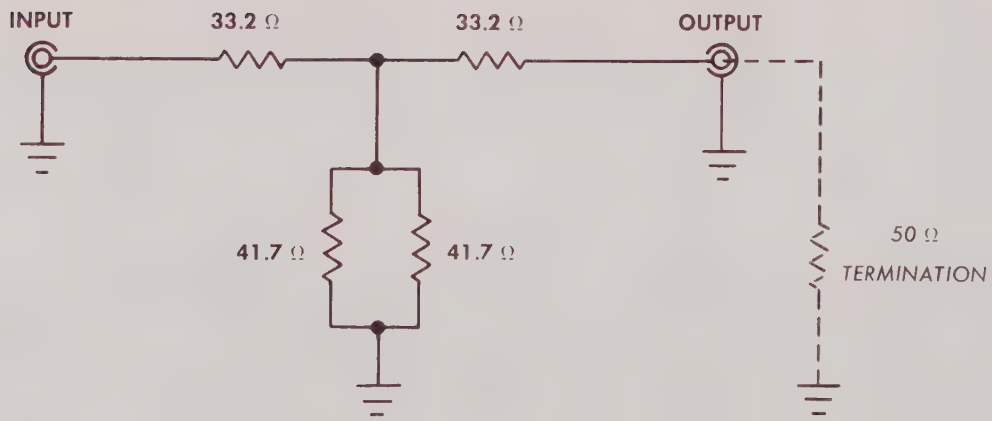
50 Ω 5X "T" ATTENUATOR, 1.5 W
Tektronix Part No. 011-032

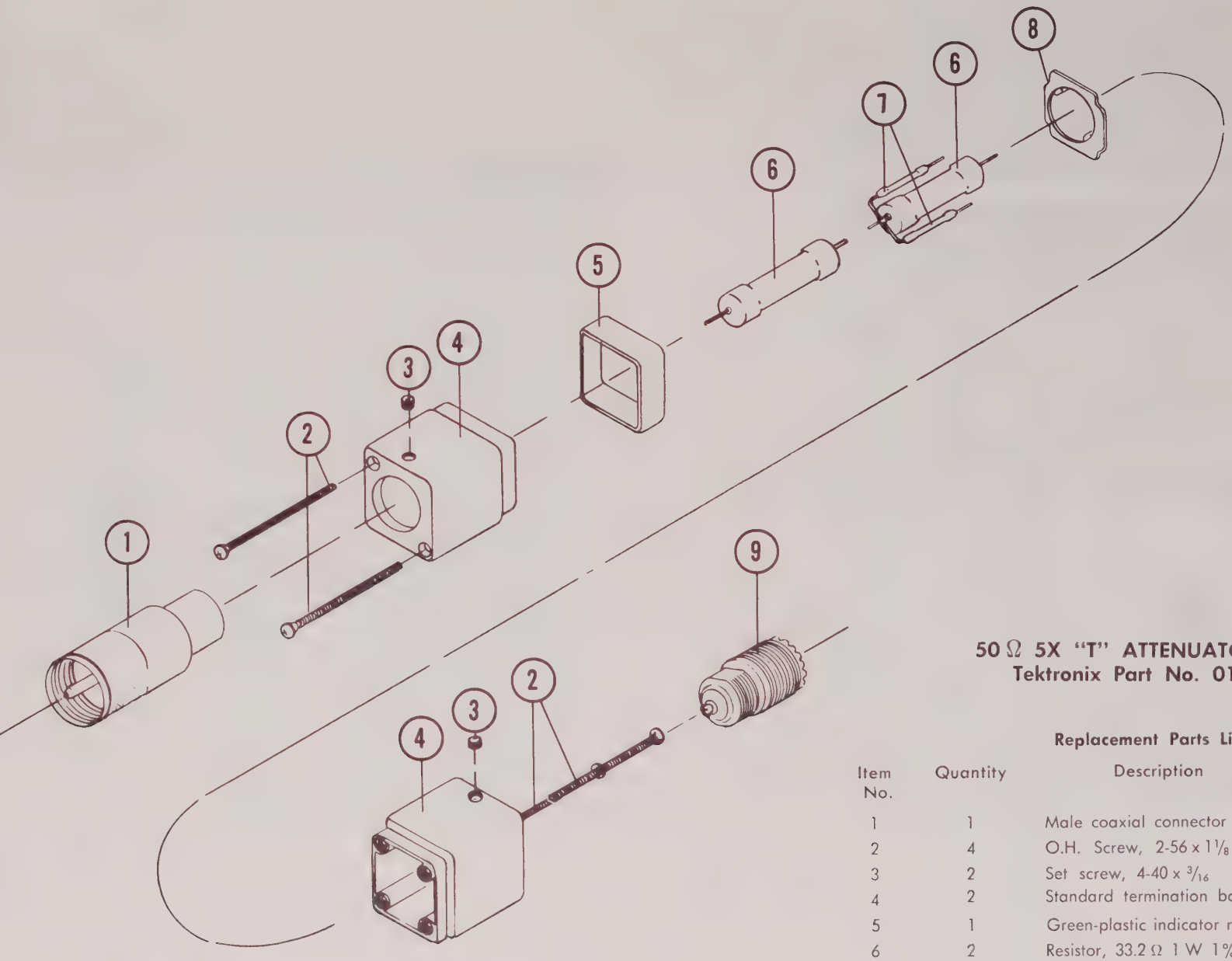
5985 787 2913

The 50 Ω 5× attenuator, 011-032, replaces attenuator 011-002 (B52-L5). Designed for use with 50 Ω coaxial systems, the attenuator is fitted with UHF coaxial connectors. With high input impedance oscilloscopes, an external 50 Ω termination (Tektronix 011-045) must be used. External termination is not necessary with systems that are internally terminated in 50 ohms.

The attenuator, a "T" configuration, has a 5:1 voltage attenuation when properly terminated. Attenuation is accurate within 2% at dc, and within 3% up to 100 mc. The vswr does not exceed 1.20, up to 100 mc. Maximum power dissipation is 1.5 watts.

To take the attenuator apart, remove the four screws from the attenuator body. Then, unsolder the connection at the tip of the male UHF connector and pull the body apart. Do not remove the set screws on the side of the attenuator body unless the UHF connectors are to be replaced. Replace components with the original type only, maintaining the same spacing and lead length. (Note: Factory-replacement parts, ordered by Tektronix part number, may sometimes differ from original types but will not degrade performance.)



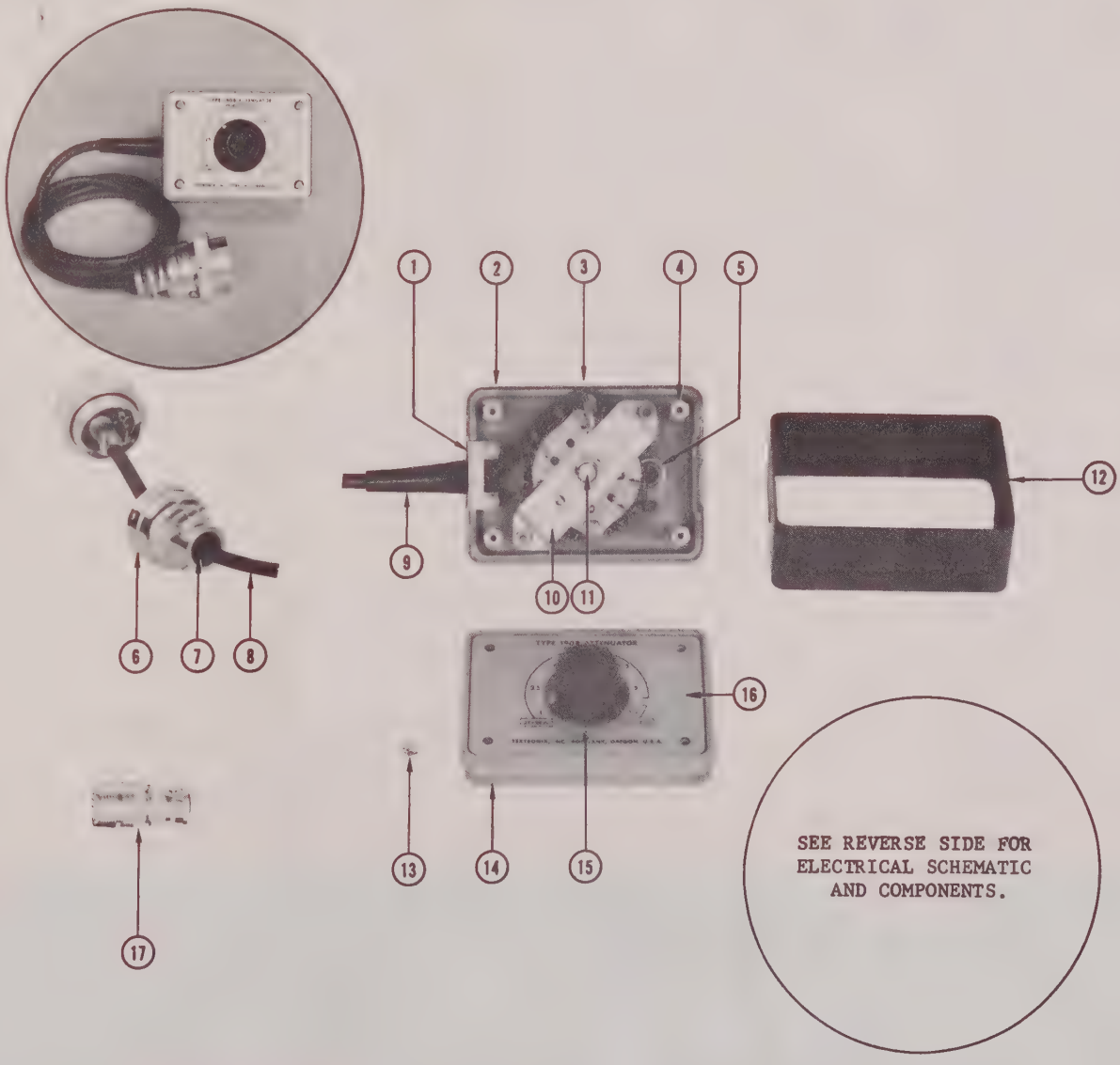


50 Ω 5X "T" ATTENUATOR, 1.5 W
Tektronix Part No. 011-032

Replacement Parts List

Item No.	Quantity	Description	Tektronix Part No. (each)
1	1	Male coaxial connector	131-058
2	4	O.H. Screw, 2-56 x 1 1/8	211-077
3	2	Set screw, 4-40 x 3/16	213-022
4	2	Standard termination body	204-075
5	1	Green-plastic indicator ring	354-142
6	2	Resistor, 33.2 Ω 1 W 1%	310-139
7	2	Resistor, 41.7 Ω 1/8 W 1%	319-049
8	1	Ground clip insert	344-052
9	1	Female coaxial connector	131-191

190B ATTENUATOR
(Part No. 011-054)



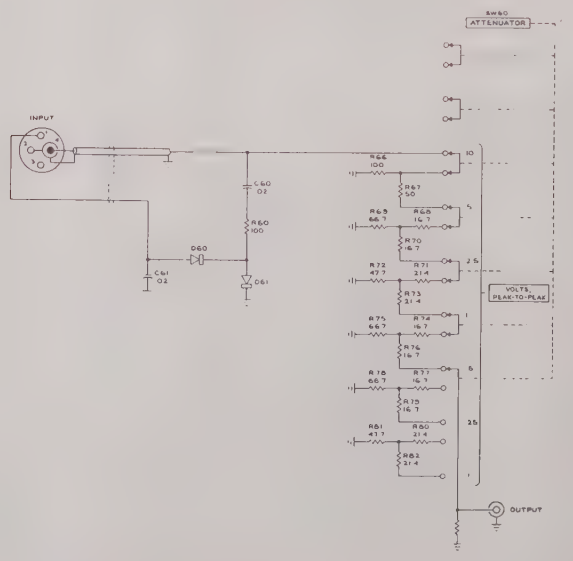
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	343-094			1	CLAMP, cable
	- - - -			-	Mounting Hardware:
	- - - -			-	(not included)
	384-617			2	ROD, spacer clamp, 3/8 inch
	- - - -			-	long
	211-008			2	SCREW, 4-40 x 1/4 inch BHS
	210-004			2	LOCKWASHER, internal #4
2	200-487			1	COVER, rear
3	131-168			1	CONNECTOR, cable end,
	- - - -			-	(not shown)
	102-006			1	REDUCER, (not shown)
	200-026			1	COVER, coax., connector
	- - - -			-	(not shown)
4	384-616			4	ROD, spacer, 1.370 inch long

PUBLICATION NO.
061-980
April 1964
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

SEE 050-101 FOR MOD INFO

REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
5	210-413			1	NUT, hex, 3/8-32 x 1/2 inch
	210-012			1	LOCKWASHER, internal, 3/8 x 1/2 inch
6	131-016			1	CONNECTOR, cable end, 4 contact
7	358-152			1	BUSHING, spacer, rubber
8	175-207			ft.	CABLE, 50 Ω coax., 3.583 feet
9	200-388			1	COVER, cable relief
10	387-791			1	PLATE, sub panel chassis
	- - - -			-	Mounting Hardware: (not included)
	210-551			2	NUT, hex, 4-40 x 1/4 inch
	210-004			2	LOCKWASHER, internal #4
11	260-520			1	SWITCH, (unwired)
	262-558			1	SWITCH, (wired)
	- - - -			-	Mounting Hardware: (not included)
	210-413			1	NUT, hex, 3/8-32 x 1/2 inch
	210-012			1	LOCKWASHER, internal 3/8 x 1/2 inch
12	380-054			1	HOUSING, wrap around
13	211-071			8	SCREW, 4-40 x 3/8 inch, PHS
14	200-486			1	COVER, front
15	366-145			1	KNOB, charcoal
	- - - -			-	Includes:
	213-004			1	SCREW, set, 6-32 x 3/16 inch HSS
16	333-739			1	PANEL, front
17	103-032			1	ADAPTER, male BNC to female UHF
					ELECTRICAL COMPONENTS
	322-097			2	R60,R66, RESISTOR, 100 Ω, 1/4 w, prec. 1 %
	322-618			1	R67, RESISTOR, 50 Ω, 1/4 w, prec. 1 %
	322-615			6	R68, R70, R74, R76, R77, R79, RESISTOR, 16.7 Ω,
	- - - -			-	1/4 w, prec. 1 %
	322-619			3	R69, R75, R78, RESISTOR, 66.7 Ω, 1/4 w, prec. 1 %
	322-616			4	R71, R73, R80, R82, RESISTOR, 21.4 Ω, 1/4 w, prec. 1 %
	322-617			2	R72, R81, RESISTOR, 47.7 Ω, 1/4 w, prec. 1 %
	323-626			1	R83, RESISTOR, 50 Ω, 1/2 w, prec. 1 %
	152-129			2	D60, D61, DIODE, germanium IN87A
	283-004			2	C60, C61, CAPACITOR, ceramic, .02 µf, 150 v



TEKTRONIX

INPUT RC STANDARDIZER

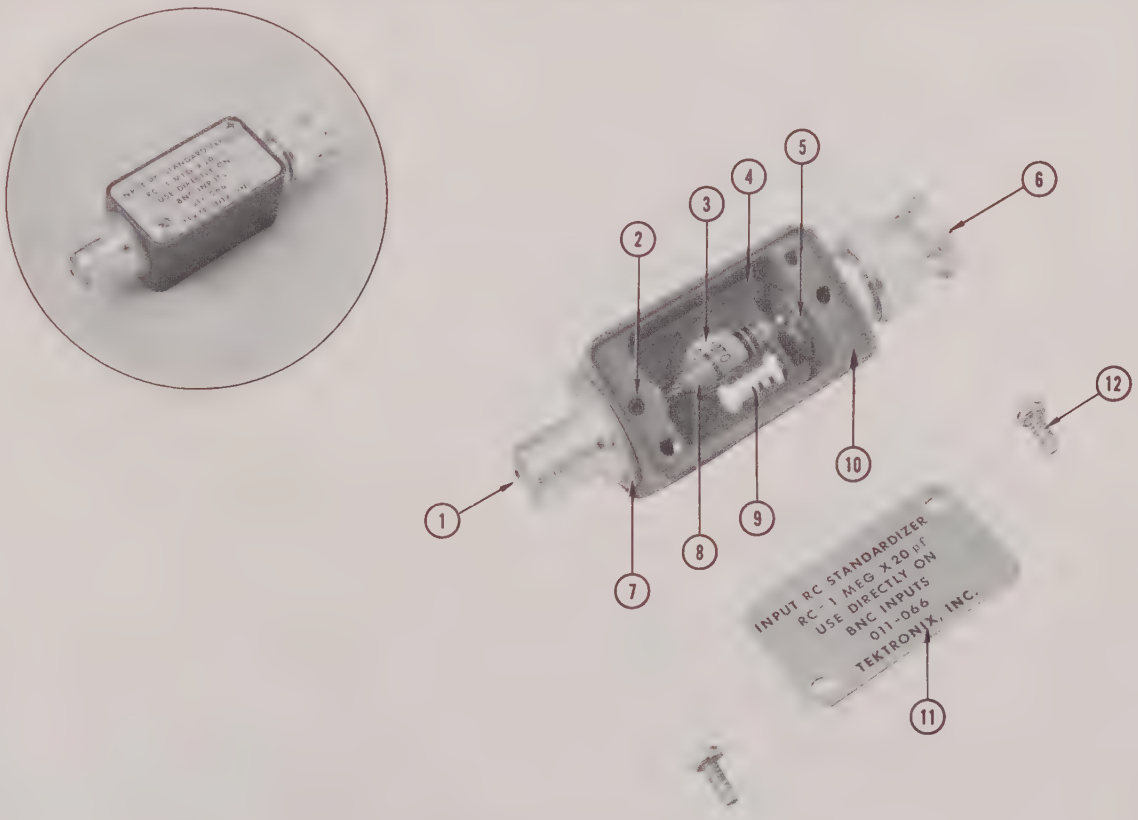
RC = 1 MEG X 20 pf

Part No. 011-066

The 20-pf STANDARDIZER is a device which enables the oscilloscope user to move a probe from one Preamplifier to another (of the same input capacitance) without recompensating the probe.

The STANDARDIZER must be used only on an instrument having the same input capacitance as that marked on the STANDARDIZER. This unit was adjusted at the factory and should not be readjusted.

To use the STANDARDIZER, connect the output of the CALIBRATOR on the oscilloscope or the output of a Type 105 TEKTRONIX SQUARE-WAVE GENERATOR (or equivalent) through the STANDARDIZER, to the plug-in unit being used. Display a square wave of about two CM on the crt at a sweep rate where 4 or 5 pulses can be seen. Now adjust the input capacitance of the plug-in unit for the flattest top on the square wave (minimum roll off or peaking of the front corner).



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-126			1	CONNECTOR, coax, chassis mount, BNC
2	213-075			2	SCREW, set, 4-40 x 3/32 inch
3	281-060			1	CAPACITOR, 2-8 pf, cer, var.
4	352-045			1	HOLDER, insulating cap
5	132-081			1	NUT
6	134-044			1	PLUG, probe
	166-217			1	TUBE, spacer insulator
	214-109			1	PIN, probe contact, male
	358-072			1	BUSHING, insulator
7	210-962			1	WASHER, bevel
8	309-417			1	RESISTOR, 1 meg, 1/2 w, prec. 1%
9	281-558			1	CAPACITOR, 18 pf, cer, 500 V
10	202-095			1	BOX, standardizer
	214-271			1	BUTTON, standardizer (not shown)
11	200-504			1	COVER, standardizer
12	213-035			2	SCREW, thread cutting, 4-40 x 1/4 inch PHS

PUBLICATION NO.

061-941
June 1963

©, 1963, Tektronix, Inc.
All rights reserved.

TEKTRONIX

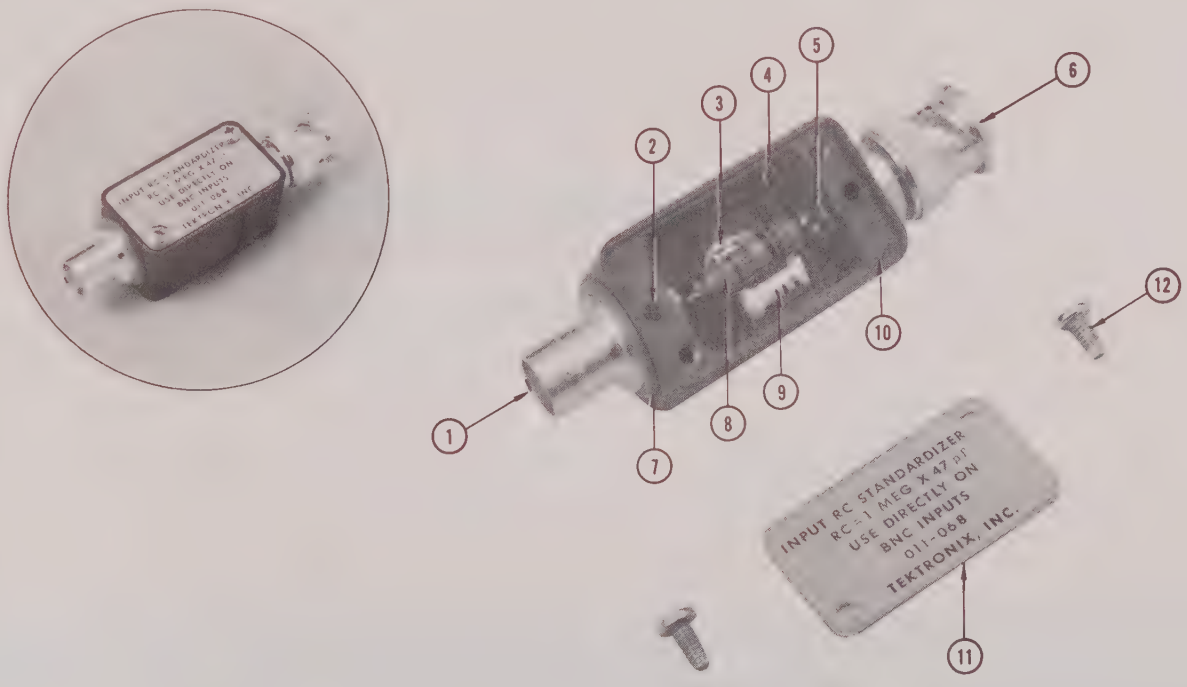
INPUT RC STANDARDIZER
RC = 1 MEG X 47 pf

Part No. 011-068

The 47-pf STANDARDIZER is a device which enables the oscilloscope user to move a probe from one Preamplifier to another (of the same input capacitance) without recompensating the probe.

The STANDARDIZER must be used only on an instrument having the same input capacitance as that marked on the STANDARDIZER. This unit was adjusted at the factory and should not be readjusted.

To use the STANDARDIZER, connect the output of the CALIBRATOR on the oscilloscope or the output of a Type 105 TEKTRONIX SQUARE-WAVE GENERATOR (or equivalent) through the STANDARDIZER, to the plug-in unit being used. Display a square wave of about two CM on the crt at a sweep rate where 4 or 5 pulses can be seen. Now adjust the input capacitance of the plug-in unit for the flattest top on the square wave (minimum roll off or peaking of the front corner).



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-126			1	CONNECTOR, coax, chassis mount, BNC
2	213-075			2	SCREW, set, 4-40 x 3/32 inch
3	281-061			1	CAPACITOR, 5.5-18 pf, cer, var.
4	352-045			1	HOLDER, insulating cap
5	132-081			1	NUT
6	134-044			1	PLUG, probe
	166-217			1	TUBE, spacer insulator
	214-109			1	PIN, probe contact, male
	358-072			1	BUSHING, insulator
7	210-962			1	WASHER, bevel
8	309-417			1	RESISTOR, 1 meg, 1/2 w, prec. 1%
9	281-600			1	CAPACITOR, 35 pf, cer, 10%
10	202-095			1	BOX, standardizer
	214-271			1	BUTTON, standardizer (not shown)
11	200-506			1	COVER, standardizer
12	213-035			2	SCREW, thread cutting, 4-40 x 1/4 inch PHS

PUBLICATION NO.

061-943
July 1963
(Revised)

©, 1963, Tektronix, Inc., All rights reserved.

011-066

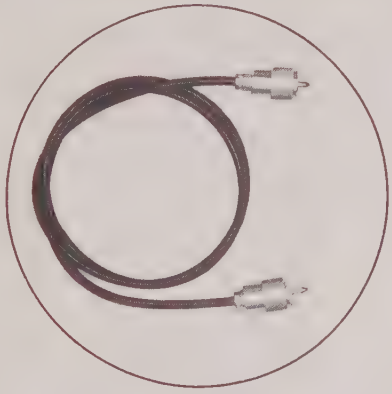
061-941

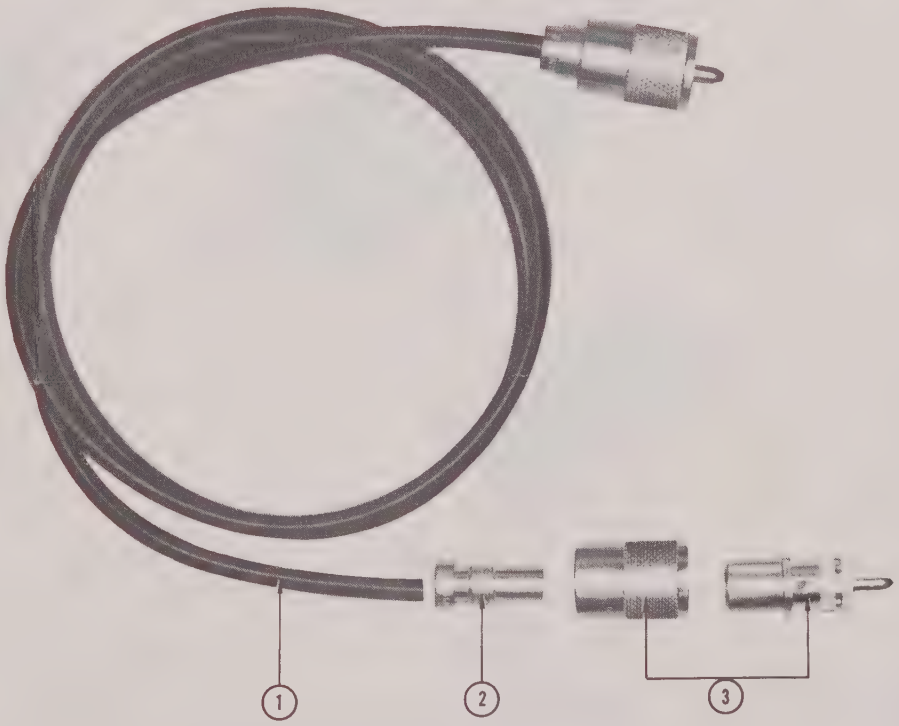
~~EN FOTEK~~

~~CP 30~~

93 OHM OUTPUT CABLE
(Part No. 012-0003-00)

40.00





REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1.	175-0024-00			FT	CABLE (3.5 ft.)
2.	102-0001-00			2	REDUCER
3.	131-0058-00			2	CONNECTOR, cable end, coax.
	- - - - - -			-	Includes:
	200-0026-00			2	CONNECTOR, coax., male
	131-0196-00			2	COVER, connector
	334-1040-01	6638		1	TAG, identification (not shown)

DATA SHEET NO.
061-0678-00
November 1966

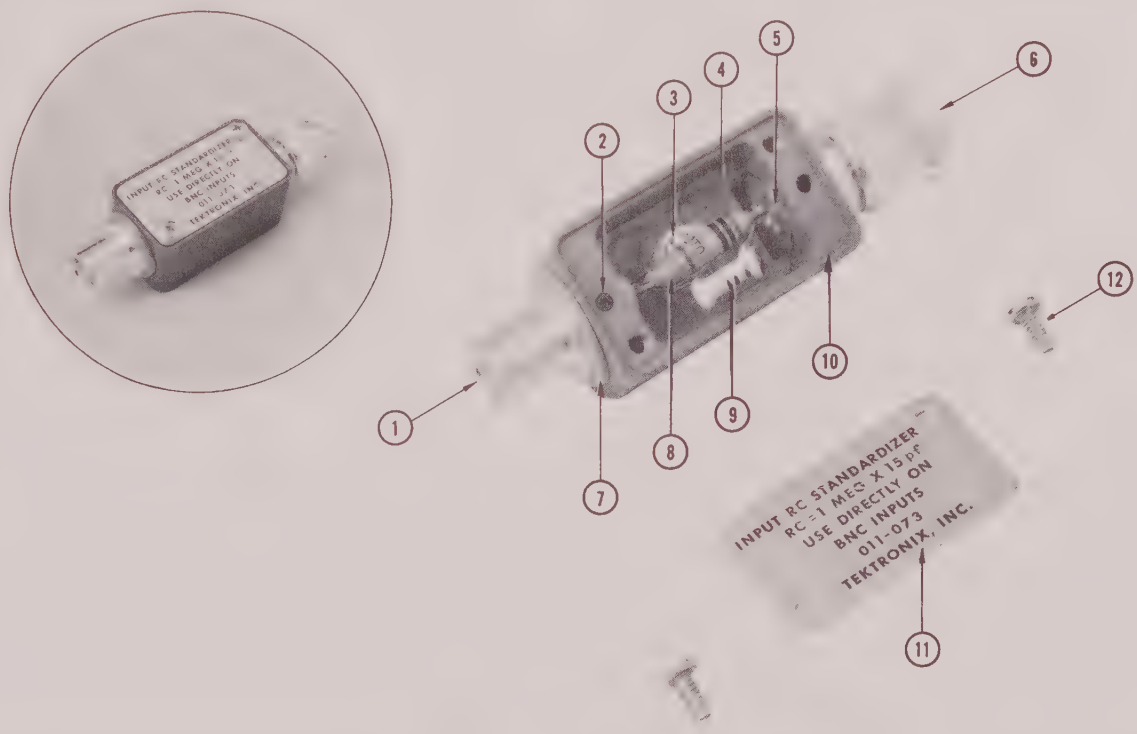
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

STANDARDIZER, BNC
(Part No. 011-0073-00)

The 15-pf Input RC Standardizer is a calibration aid that is useful when adjusting the input time constant of oscilloscope (plug-in unit) input circuits. After setting the input time constant, attenuator probes adjusted for 15-pf input circuits, can be used with other 15-pf input circuits without recompensation.

To use the Standardizer: Attach it directly to the oscilloscope input connector, drive it with a square-wave signal from a low impedance source such as an oscilloscope 1 kc Amplitude Calibrator or a Tektronix Type 105 Square-Wave Generator. Display about 2 or 3 vertical divisions of signal at a sweep rate to produce 4 or 5 cycles. Adjust the oscilloscope input capacitance (according to the particular instrument instruction manual) for a square cornered square-wave display.



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-0126-00			1	CONNECTOR, coax, chassis mount, BNC
2	213-0075-00			2	SCREW, set, 4-40 x 3/32 inch
3	281-0060-00			1	CAPACITOR, 2-8 pf, cer, var.
4	352-0045-00			1	HOLDER, insulating cap
5	132-0081-00			1	NUT
6	134-0044-00			1	PLUG, probe
	166-0217-00			1	TUBE, spacer, insulator
	214-0109-00			1	PIN, probe contact, male
	358-0072-00			1	BUSHING, insulator
7	210-0962-00			1	WASHER, bevel
8	309-0417-00			1	RESISTOR, 1 meg, 1/2 w, prec, 1%
9	281-0508-00			1	CAPACITOR, 12 pf, cer, 500 V, ±0.6pf
10	202-0095-00			1	BOX, standardizer
	214-0271-00			1	BUTTON, standardizer (not shown)
11	200-0539-00			1	COVER, standardizer
12	213-0035-00			2	SCREW, thread cutting, 4-40 x 1/4 inch PHS

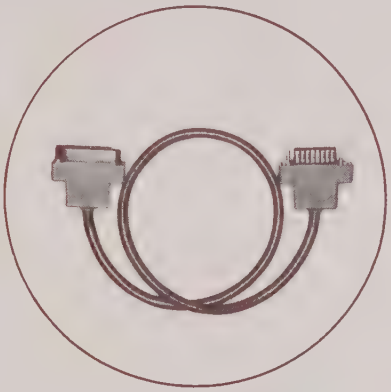
PUBLICATION NO.
061-0944-00
(Revised)
MAY 1965

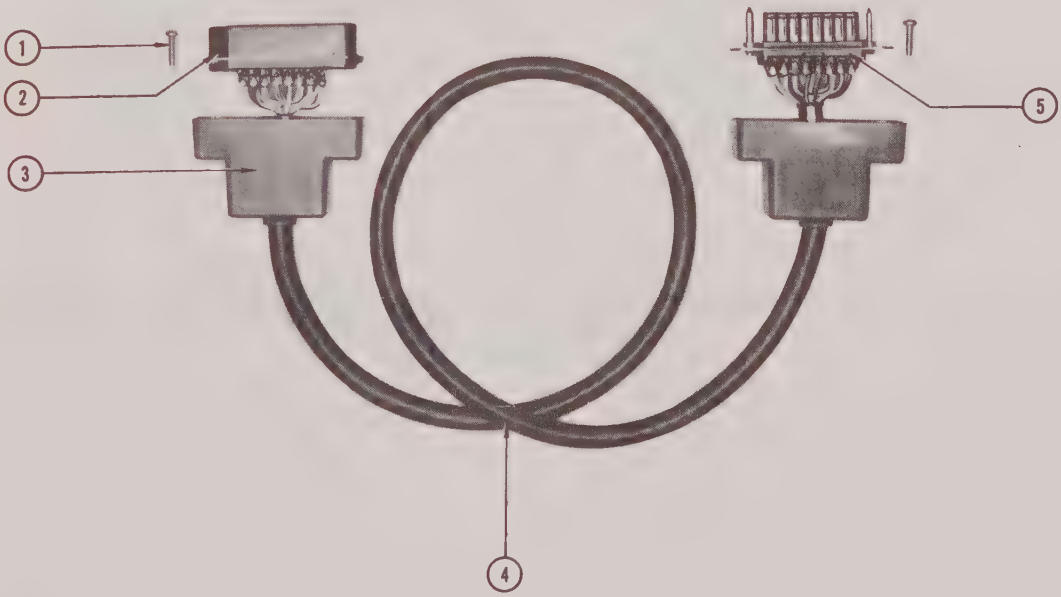
Copyright © 1963, 1964, 1965, Tektronix, Inc. All Rights Reserved.

Smead

PLUG-IN EXTENSION CABLE
(Part No. 012-0038-00)

6625-965-8305





REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1.	213-0082-00			4	SCREW, thread cutting, 4-40 x 1/2 inch PHS philips
2.	131-0018-00			1	CONNECTOR, female, 16 contact
3.	202-0066-00			2	BOX, plug in extension cable
4.	175-0236-00			FT	CABLE ASSEMBLY (2.73 ft.)
5.	131-0017-00			1	CONNECTOR, male, 16 contact
	343-0087-00			2	CLAMP, cable (not shown)

PUBLICATION NO.

061-0724-00
August 1965
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

PLUG-IN EXTENSION CABLE
(Part No. 012-0038-01)

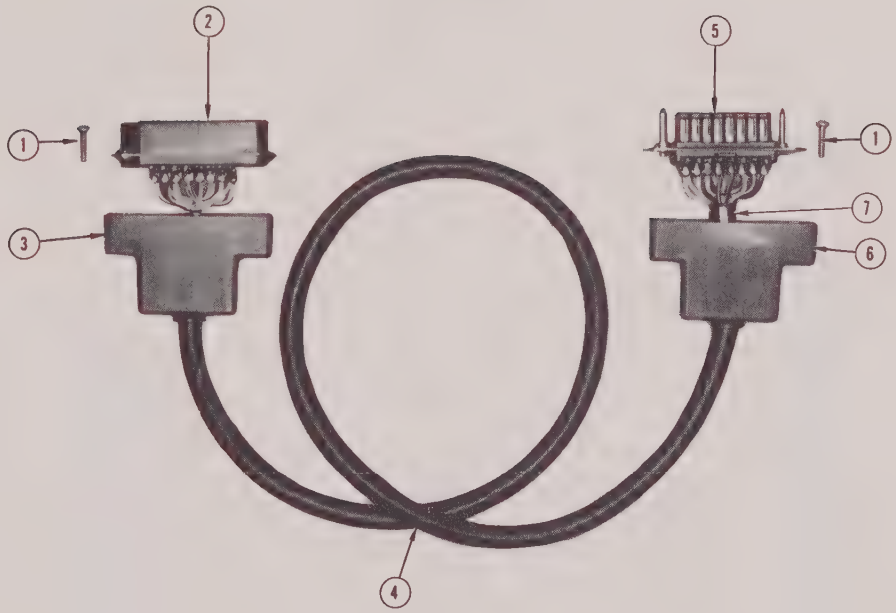


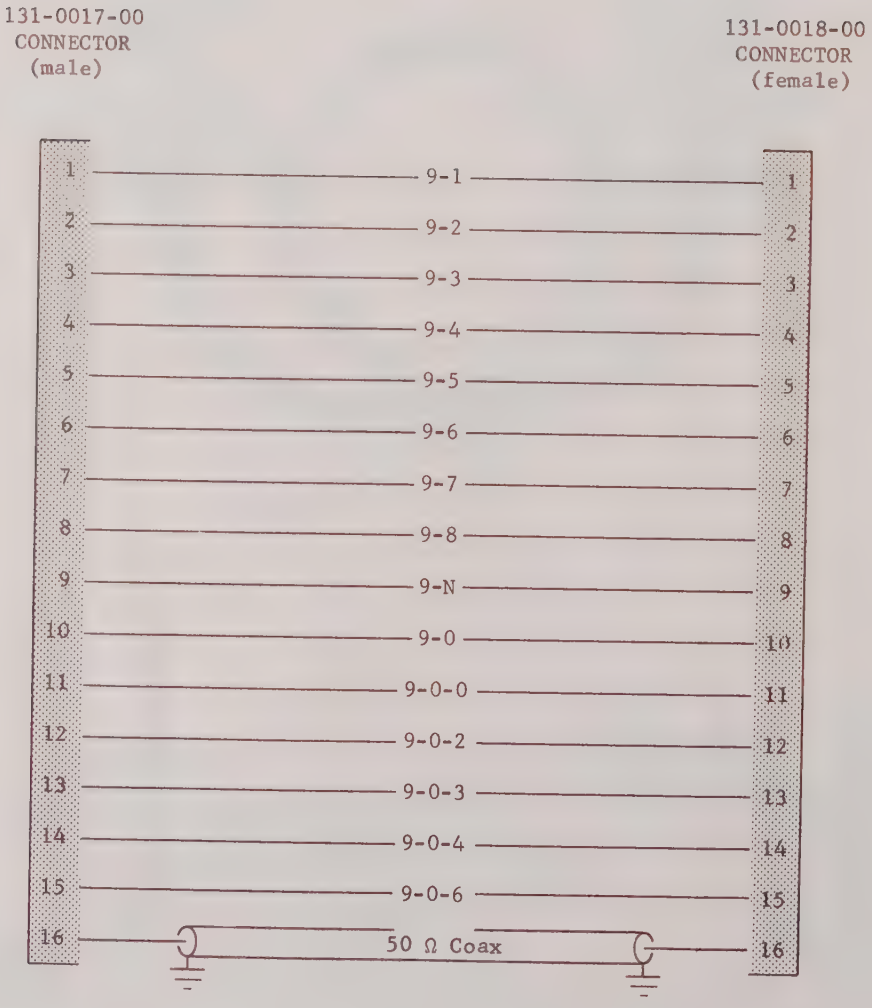
Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Serial/Model No. Disc	Qty	Description 1 2 3 4 5
1	213-0082-00			4	SCREW, thread cutting, 4-40 x 1/2 inch, PHS
2	131-0018-00			1	CONNECTOR, female, 16 contact
3	202-0066-02			1	BOX, plug-in extension cable
4	175-0236-01			FT	CABLE, 16 conductor (2.730 feet)
5	131-0017-00			1	CONNECTOR, male, 16 contact
6	202-0066-01			1	BOX, plug-in extension cable
7	343-0087-00			2	CLAMP, cable strain relief

DATA SHEET
NO. 062-1099-00
DATE MAY 1969

COPYRIGHT © 1969
TEKTRONIX INC.
ALL RIGHTS RESERVED

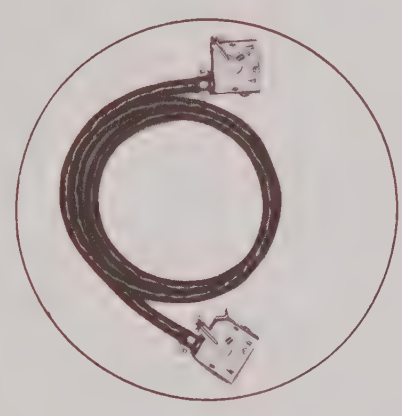
PLUG-IN EXTENSION CABLE
(Part No. 012-0038-01)

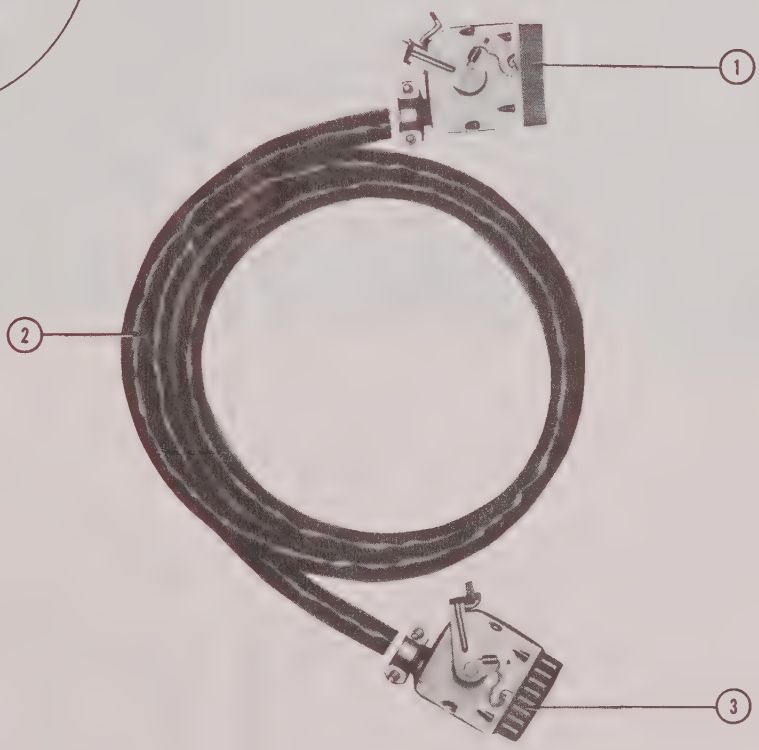
WIRING DIAGRAM



mead

INTER-CONNECTING CABLE
(Part No. 012-0051-00)



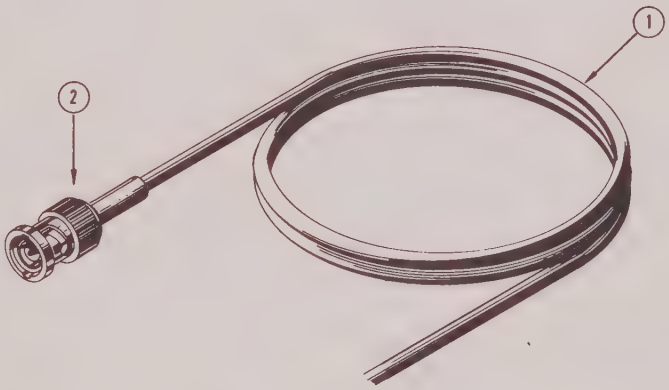


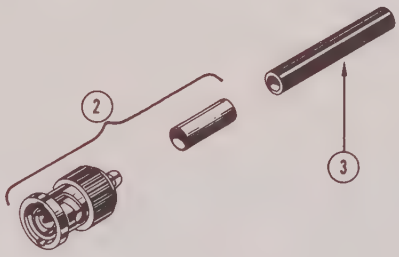
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-0076-00			1	CONNECTOR, 16 contact, female socket
2	175-0061-00			FT	CABLE, 14 cond, w/2 shields and plastic jacket (6 feet)
3	131-0075-00			1	CONNECTOR, 16 contact, male plug

DATA SHEET NO.
March 1966
061-0733-00
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

50 OHM COAX CABLE ASSEMBLY
(Part No. 012-0057-01)





REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	175-0300-00			FT	CABLE, coaxial, 43 inches
2	131-0442-00			2	CONNECTOR, BNC, crimp-on
3	334-1040-02			1	SLEEVE, identification

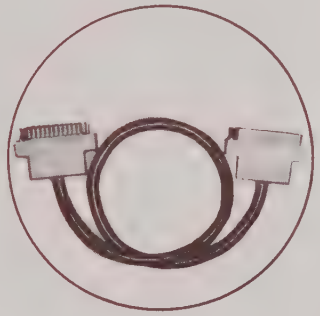
DATA SHEET NO.

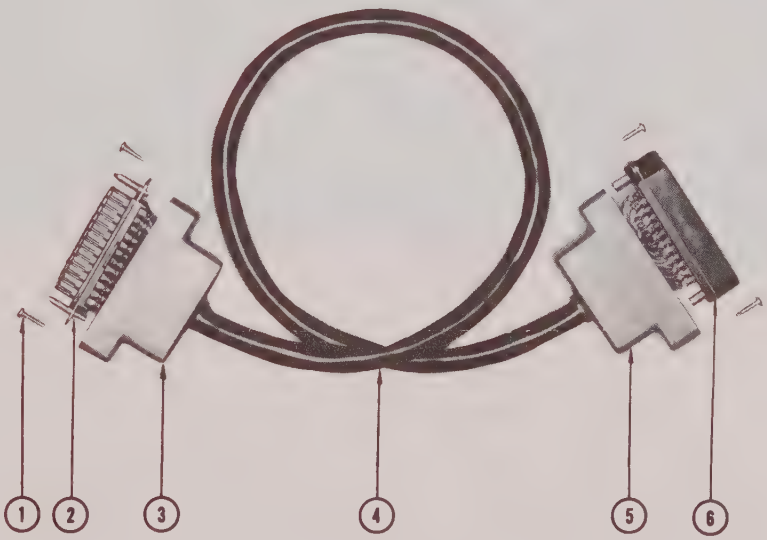
062-0783-00

August 1966

Copyright © 1966, Tektronix, Inc. All Rights Reserved.

PLUG-IN EXTENSION CABLE
(Part No. 012-0066-00)





REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	213-0082-00			4	SCREW, thread cutting, 4-40 x 1/2 in. Phillips PH
2	131-0149-00			1	CONNECTOR, chassis mt. 24 contact, male
3	200-0454-00			1	COVER, plug-in extension
4	175-0246-00			FT	CABLE (32 in.)
5	200-0478-00			1	COVER, plug-in extension cable, 3.207 x 1-5/8 female
6	131-0148-00			1	CONNECTOR, chassis mt. 24 contact, female
	343-0091-00			2	CLAMP, strain relief (not shown)

PUBLICATION NO.

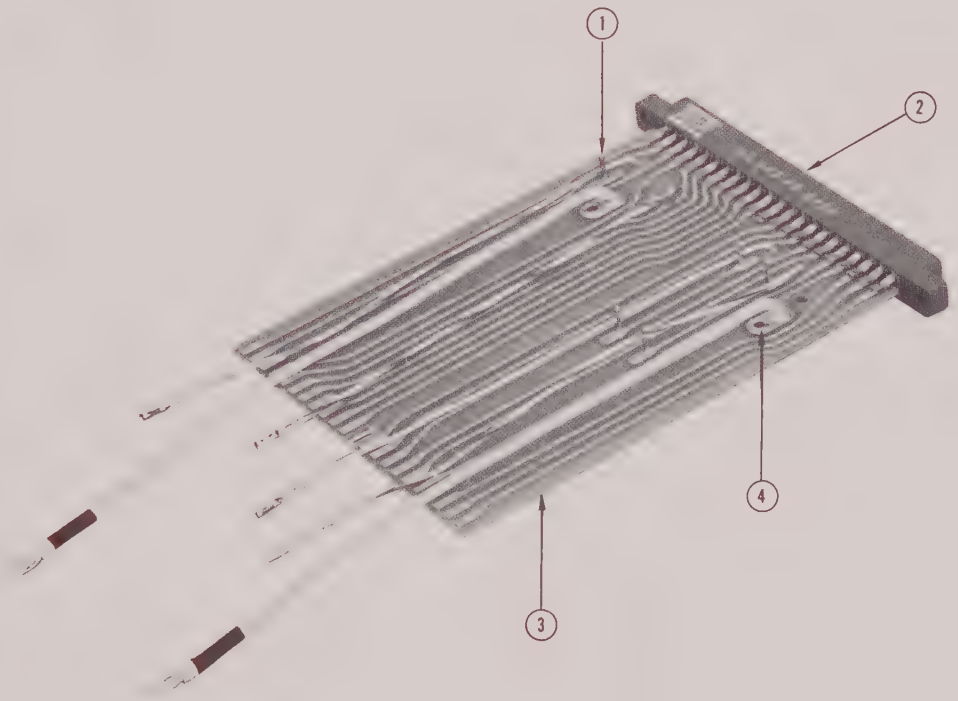
061-0748-00
August 1965
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

MODEL T42060ABFH2

ETCHED CKT BOARD EXTENSION
(Part No. 012-0100-00)

For 1A1



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY	DESCRIPTION
1	214-0506-00			10	PIN, connector, straight
2	136-0156-00			1	SOCKET, 44 pin
3	388-0575-00			1	BOARD, etched circuit
4	210-0696-00			4	EYELET

DATA SHEET NO.
062-0544-00

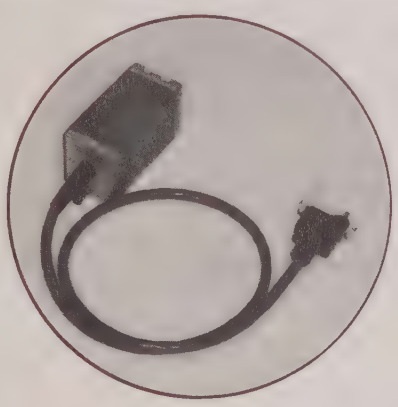
DECEMBER 1965

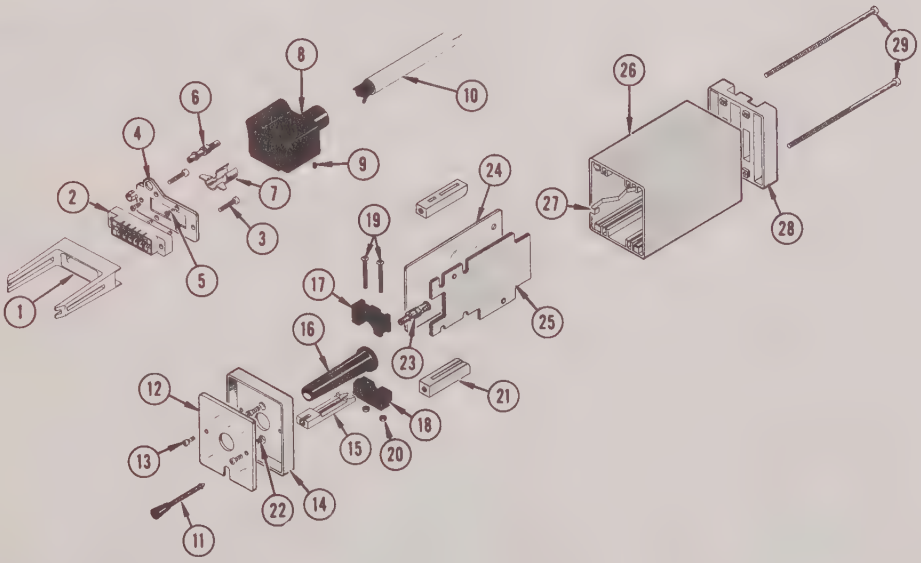
FOR REPLACEMENT PARTS NOT LISTED CONTACT YOUR TEKTRONIX FIELD OFFICE.

Copyright © 1965, Tektronix, Inc. All Rights Reserved.

8-22-68

CABLE EXTENDER (6 feet)
(Part No. 012-0125-00)





REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	351-0132-00			1	GUIDE, clip, U shape
2	131-0581-00			1	CONNECTOR, circuit board, 12 contact
	- - - - - -			-	mounting hardware: (not included w/connector)
3	213-0082-00			2	SCREW, thread cutting, 4-40 x 1/2 inch, PHS
	~~344-0163-00~~			2	~~CLIP, spring tension (not shown)~~
4	386-1397-00			1	PLATE, mounting
	- - - - - -			-	mounting hardware:
	- - - - - -			-	(not included w/plate)
5	211-0073-00			4	SCREW, 2-56 x 7/32 inch, FHS

DATA SHEET
NO. 062-0957-00
DATE MAY 1968

COPYRIGHT © 1968
TEKTRONIX INC.
ALL RIGHTS RESERVED

CABLE EXTENDER (6 feet)
(Part No. 012-0125-00)

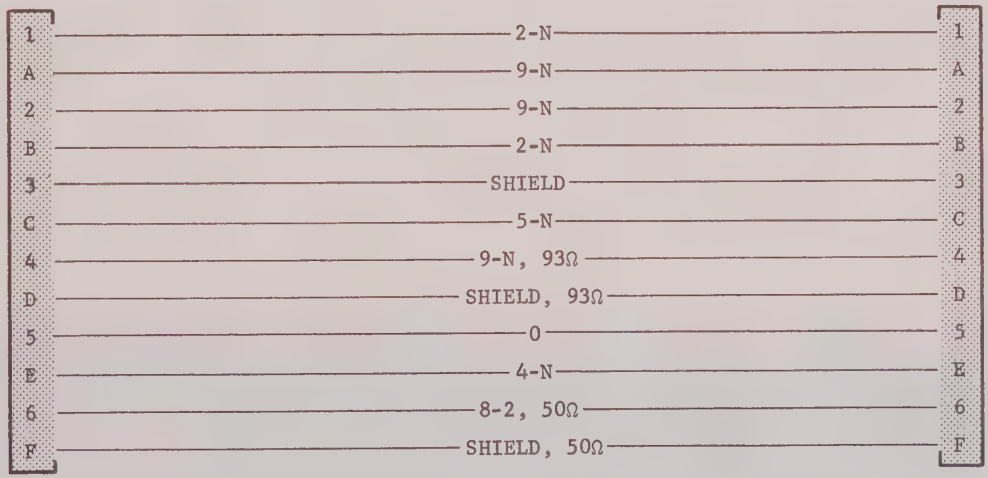
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY	DESCRIPTION
6	131-0597-00			1	CONNECTOR, coaxial, w/hardware
7	343-0166-00			1	CLAMP, cable
8	205-0098-00			1	SHELL, black
9	213-0195-00			2	SCREW, set, 2-56 x 3/16 inch
10	175-0488-00			ft	CABLE, special purpose (6 feet)
11	384-0687-00			1	SHAFT LATCH
12	333-1082-00			1	PANEL, front
	- - - - - -			-	mounting hardware: (not included w/panel)
13	211-0022-00			2	SCREW, 2-56 x 3/16 inch, RHS
14	386-1338-05			1	SUB-PANEL, front
15	105-0066-00			1	STRIKE LATCH, molded
16	200-0860-00			1	CABLE NIPPLE
	- - - - - -			-	mounting hardware: (not included w/cover)
17	343-0168-00			1	CLAMP, half, strain relief, screw head side
18	343-0167-00			1	CLAMP, half, strain relief, nut side
19	211-0100-00			2	SCREW, 2-56 x 3/4 inch, RHS
20	210-0405-00			2	NUT, hex., 2-56 x 3/16 inch
21	352-0139-00			2	HOLDER, circuit board
	- - - - - -			-	mounting hardware for each: (not included w/holder)
22	213-0012-00			1	SCREW, thread cutting, 4-40 x 3/8 inch, FHS
23	131-0565-00			1	CONNECTOR, coaxial, male
	- - - - - -			-	mounting hardware: (not included w/connector)
	352-0133-00			1	HOLDER, connector (not shown)
24	386-1396-00			1	SUPPORT, connector holder
25	388-1003-00			1	BOARD, circuit
26	380-0125-00			1	HOUSING
	- - - - - -			-	housing includes:
27	131-0555-00			4	CONTACT, electrical
28	386-1337-01			1	PANEL, rear
	- - - - - -			-	mounting hardware: (not included w/panel)
29	211-0141-00			4	SCREW, 4-40 x 3.25 inches, PHS

CABLE EXTENDER (6 feet)
(Part No. 012-0125-00)

WIRING DIAGRAM

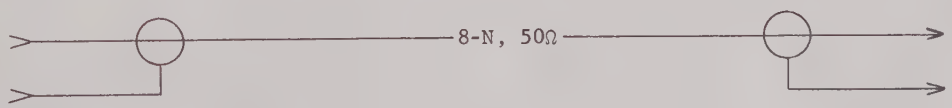
CIRCUIT BOARD

131-0581-00
CONNECTOR

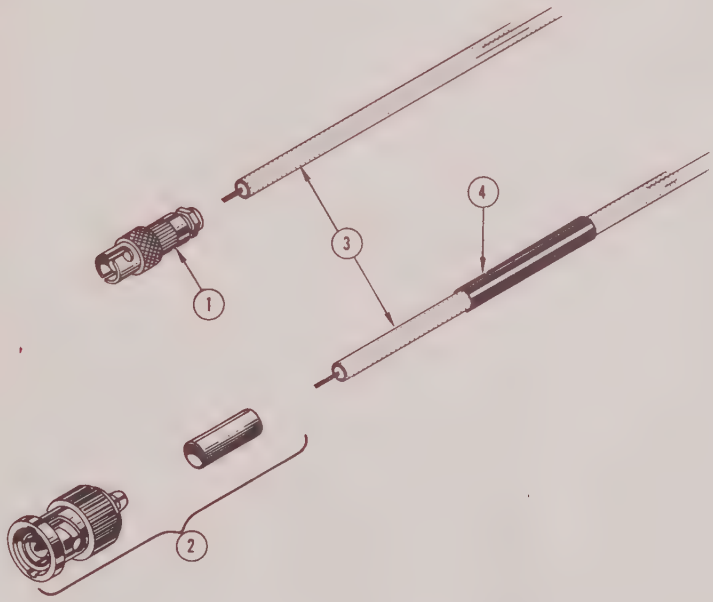


131-0565-00
CONNECTOR, MALE

131-0597-00
CONNECTOR, FEMALE



CABLE ASSEMBLY, RF
(Part No. 012-0128-00)



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-0580-00			1	CONNECTOR, min bayonet, female
2	131-0442-00			1	CONNECTOR, BNC, male, w/sleeve
3	175-0300-00			ft	CABLE, coaxial, 0.667 feet
4	334-1189-00			1	SLEEVE, marker

DATA SHEET
NO. 062-0936-00
DATE MAY 1968

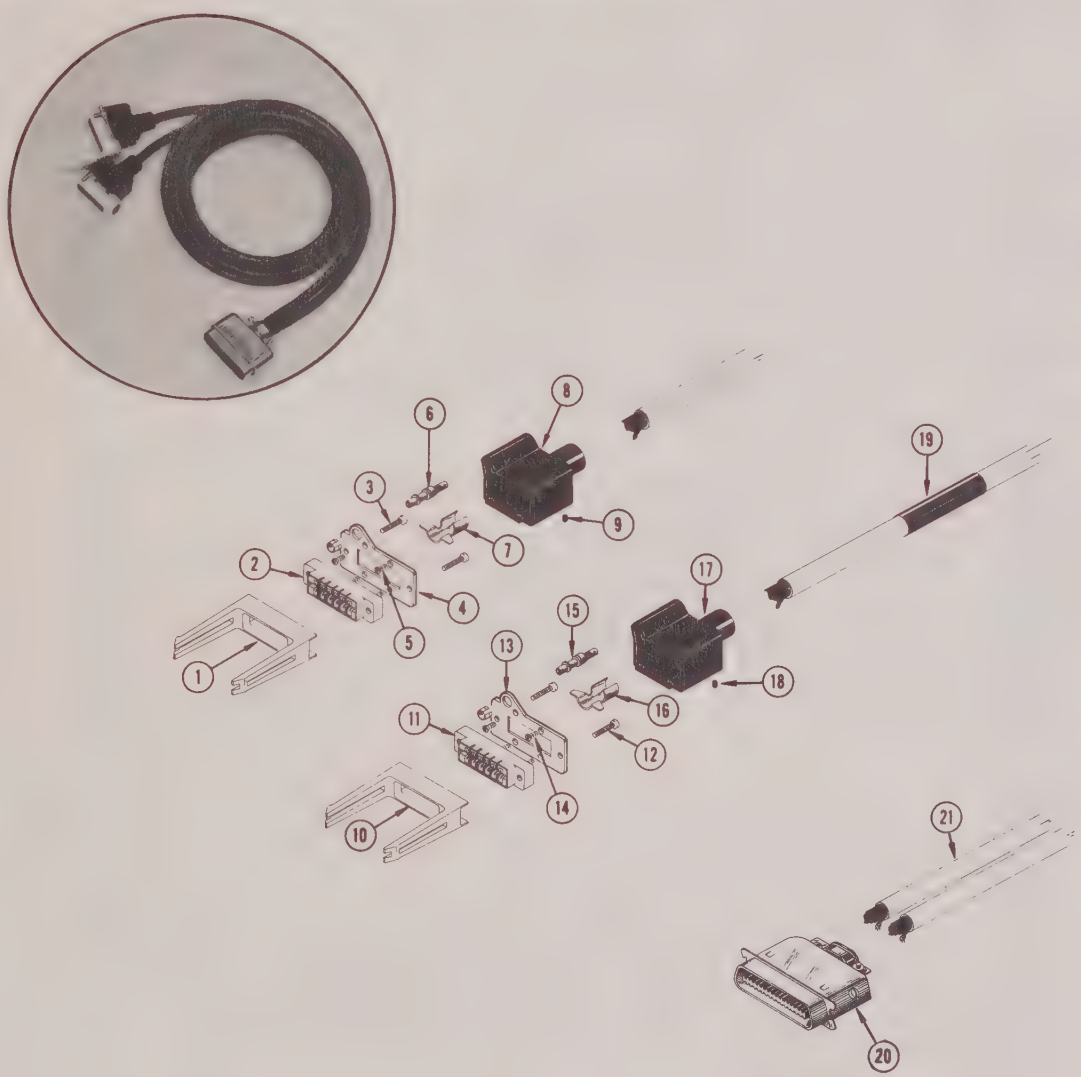
COPYRIGHT © 1968
TEKTRONIX INC.
ALL RIGHTS RESERVED

Cable Assemblg. RF

012-0128-00

062-0936-00

CABLE, INTERCONNECTING (Dual)
(Part No. 012-0130-00)



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	351-0132-00			1	GUIDE, clip, U shape
2	131-0581-00			1	CONNECTOR, circuit board, 12 contact
	- - - - - -			-	mounting hardware: (not included w/connector)
3	213-0082-00			2	SCREW, thread cutting, 4-40 x 1/2 inch, PHS
	~~344-0163-00~~			~~2~~	~~CLIP, spring tension (not shown)~~
4	386-1397-00			1	PLATE, mounting
	- - - - - -			-	mounting hardware:
	- - - - - -			-	(not included w/plate)
5	211-0073-00			4	SCREW, 2-56 x 7/32 inch, FHS

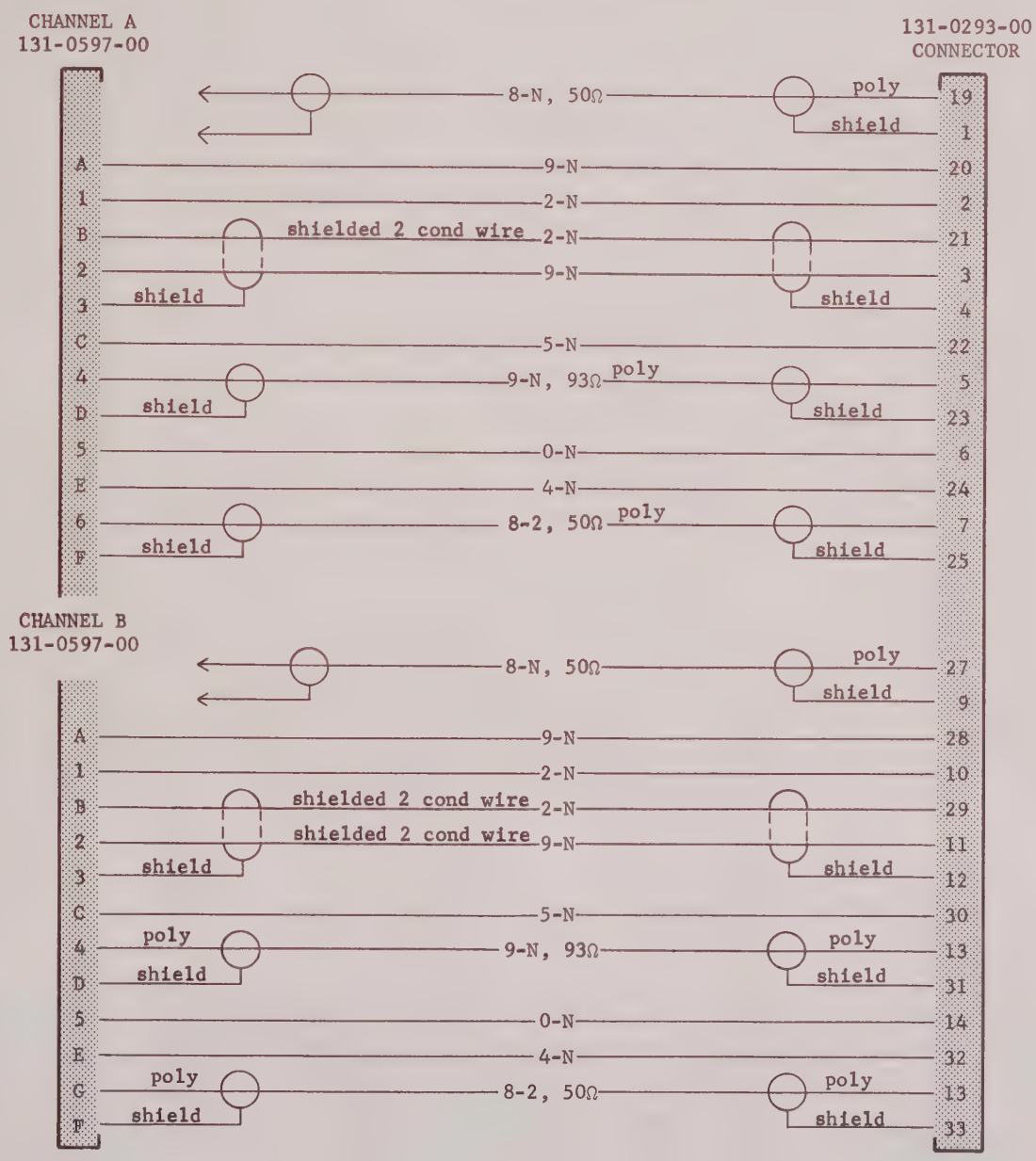
DATA SHEET
NO. 062-0956-00
DATE MAY 1968

COPYRIGHT © 1968
TEKTRONIX INC.
ALL RIGHTS RESERVED

CABLE, INTERCONNECTING (Dual)
(Part No. 012-0130-00)

REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
6	131-0597-00			1	CONNECTOR, coaxial, w/hardware
7	343-0166-00			1	CLAMP, cable
8	205-0098-01			1	SHELL, Channel A
9	213-0195-00			4	SCREW, set, 2-56 x 3/16 inch
10	351-0132-00			1	GUIDE, clip, U shape
11	131-0581-00			1	CONNECTOR, circuit board, 12 contact
	- - - - - -			-	mounting hardware: (not included w/connector)
12	213-0082-00			2	SCREW, thread cutting, 4-40 x 1/2 inch, PHS
	344-0163-00			2	CLIP, spring tension (not shown)
13	386-1397-00			1	PLATE, mounting
	- - - - - -			-	mounting hardware: (not included w/plate)
14	211-0073-00			4	SCREW, 2-56 x 2/32 inch, FHS
15	131-0597-00			1	CONNECTOR, coaxial, w/hardware
16	343-0166-00			1	CLAMP, cable
17	205-0098-02			1	SHELL, Channel B
18	213-0195-00			4	SCREW, set, 2-56 x 3/16 inch
19	334-1267-00			1	SLEEVE, marker, cable
20	131-0293-00			1	CONNECTOR, 36 pin, male
21	175-0488-00			ft.	CABLE, special purpose, (6 feet each, 2 per)

CABLE, INTERCONNECTING (Dual)
(Part No. 012-0130-00)

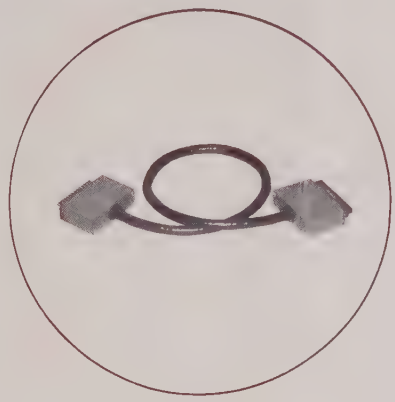


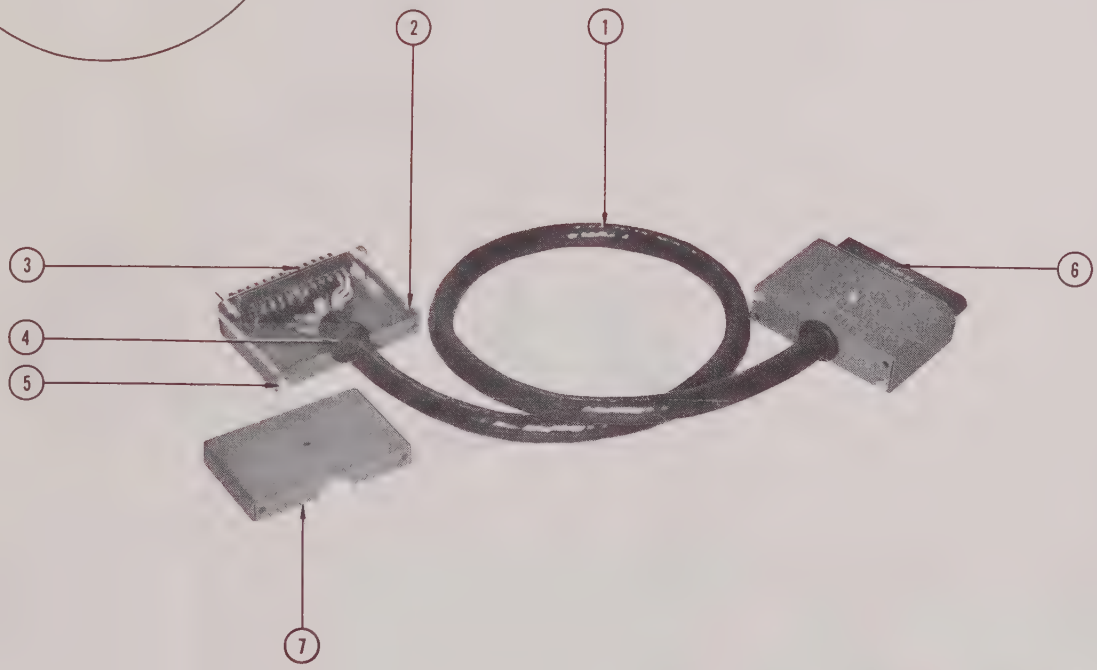
Smead®

2-103½L

MINN. - LOGAN, OHIO- U.S.A.

PLUG-IN TEST CABLE
(Part No. 012-064)





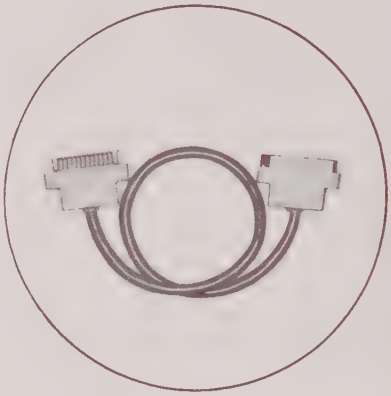
1964 ACC
MAR

REF. NO.	PART NO.	SERIAL NO. EFF.	SERIAL NO. DISC.	QTY.	DESCRIPTION
1.	175-245			FT	CABLE, (32")
2.	210-004			4	LOCKWASHER
3.	131-149			1	CONNECTOR, male
4.	348-012			2	GROMMET
5.	211-008			12	SCREW
6.	131-148			1	CONNECTOR, female
7.	- - - -			-	COVER (not available sep.)

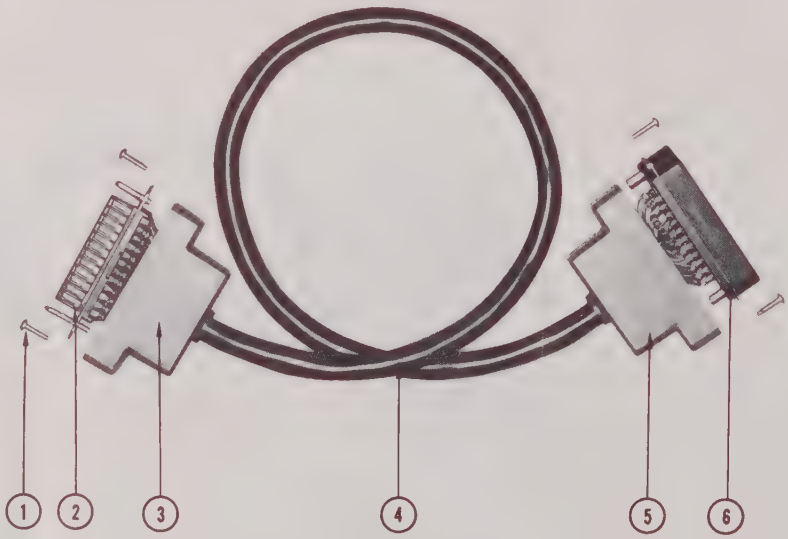
Publication
061-746
January 1963

©, 1963, Tektronix, Inc., P. O. Box 500
Beaverton, Oregon. All rights reserved.

PLUG-IN TEST CABLE
(Part No. 012-064)



LATE MODEL



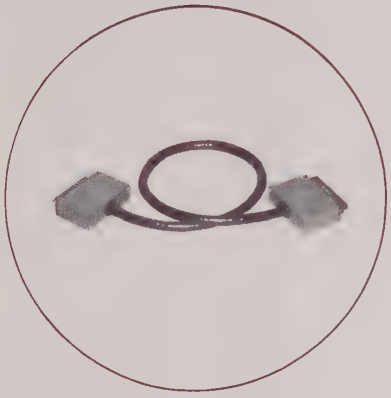
REF. NO.	PART NO.	SERIAL NO. EFF.	SERIAL NO. DISC.	QTY.	DESCRIPTION
1	213-082			4	SCREW, thread cutting, 4-40 x 1/2" phillips PH
2	131-149			1	CONNECTOR, chassis mt. 24 contact, male
3	200-453			1	COVER, plug-in ext., male
4	175-245			1	CABLE, for plug-in extension .520 dia. vinyl jacket w/(4) #18, (7) #22, (7) 50 coax.
5	200-478			1	COVER, plug-in extension, 3.207 x 1-5/8, female
6	131-148			1	CONNECTOR, chassis mt. 24 contact, female

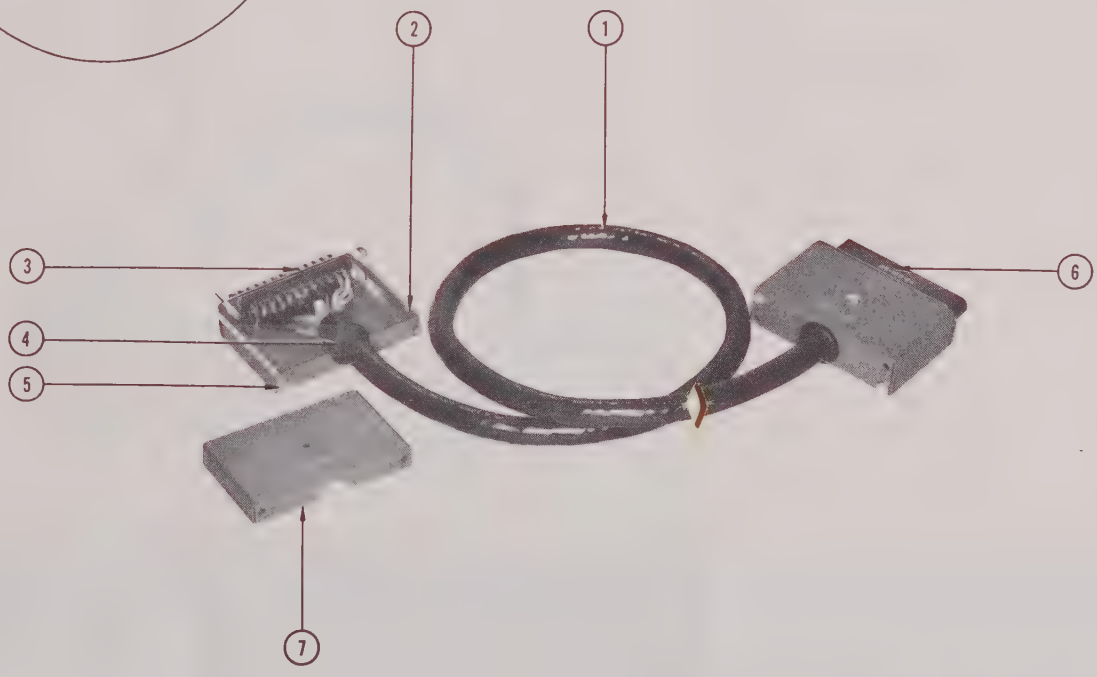
PUBLICATION NO.

061-746
March 1963

©, 1963, Tektronix, Inc., All rights reserved.

PLUG-IN TEST CABLE
(Part No. 012-064)



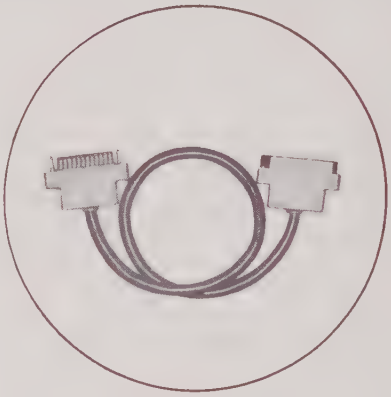


REF. NO.	PART NO.	SERIAL NO. EFF.	SERIAL NO. DISC.	QTY.	DESCRIPTION
1.	175-245			FT	CABLE, (32")
2.	210-004			4	LOCKWASHER
3.	131-149			1	CONNECTOR, male
4.	348-012			2	GROMMET
5.	211-008			12	SCREW
6.	131-148			1	CONNECTOR, female
7.	- - - -			-	COVER (not available sep.)

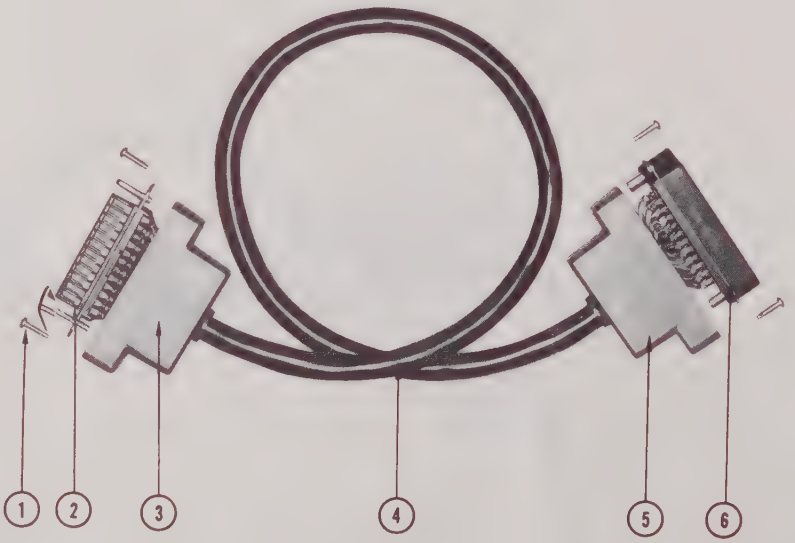
Publication
061-746
January 1963

©, 1963, Tektronix, Inc., P. O. Box 500
Beaverton, Oregon. All rights reserved.

PLUG-IN TEST CABLE
(Part No. 012-064)



LATE MODEL



REF. NO.	PART NO.	SERIAL NO. EFF.	SERIAL NO. DISC.	QTY.	DESCRIPTION
1	213-082			4	SCREW, thread cutting, 4-40 x 1/2" phillips PH
2	131-149			1	CONNECTOR, chassis mt. 24 contact, male
3	200-453			1	COVER, plug-in ext., male
4	175-245			1	CABLE, for plug-in extension .520 dia. vinyl jacket w/(4) #18, (7) #22, (7) 50 coax.
5	200-478			1	COVER, plug-in extension, 3.207 x 1-5/8, female
6	131-148			1	CONNECTOR, chassis mt. 24 contact, female

PUBLICATION NO.

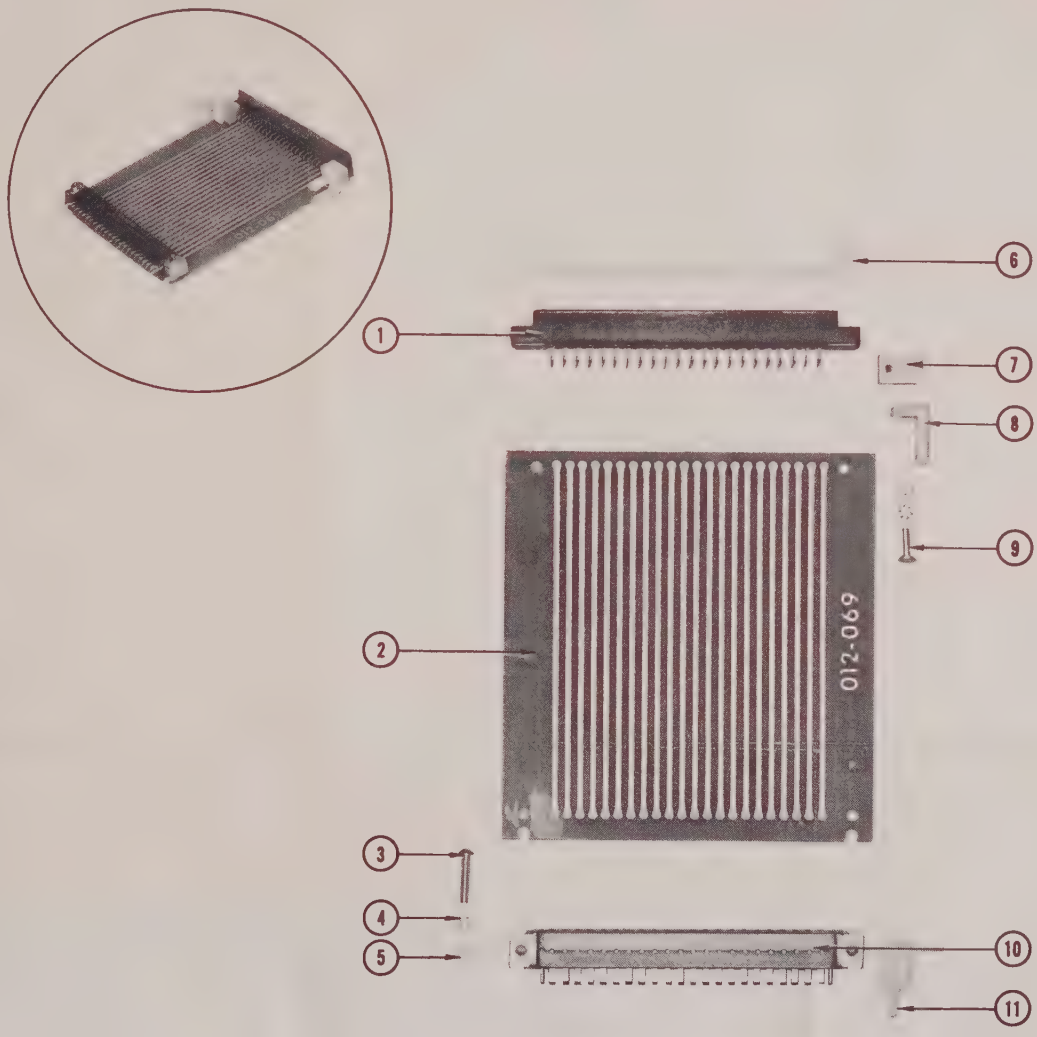
061-746
March 1963

©, 1963, Tektronix, Inc., All rights reserved.

017-044

061-453

PLUG-IN EXTENSION
(Part No. 012-069)



1044
JULY

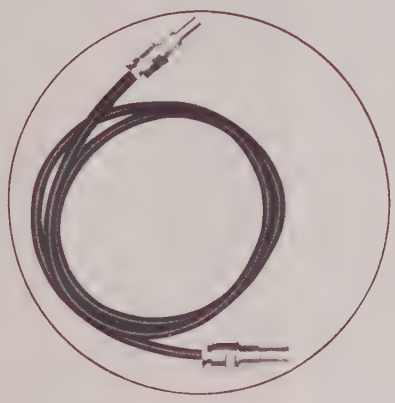
REF. NO.	PART NO.	SERIAL NO. EFF.	SERIAL NO. DISC.	QTY.	DESCRIPTION
1	131-246			1	CONNECTOR, female
2	388-526			1	BOARD
3	211-016			4	SCREW
4	210-004			4	LOCKWASHER
5	210-406			2	NUT
6	387-715			1	PLATE CONNECTOR
7	406-858			2	BRACKET (alum. block)
8	352-039			2	HOLDER
9	211-012			4	SCREW
10	131-218			1	CONNECTOR, male
11	384-593			2	ROD

PUBLICATION NO.

061-751
February 1963

©, 1963, Tektronix, Inc., P. O. Box 500, Beaverton, Oregon. All rights reserved.

PLUG-IN EXTENSION
(Part No. 012-070)



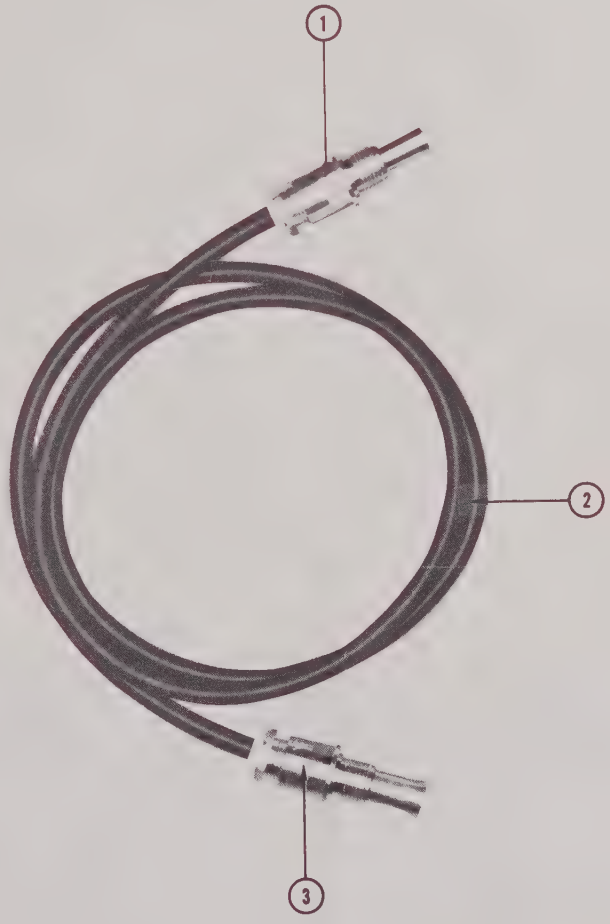
REF. NO.	PART NO.	SERIAL NO. EFF.	SERIAL NO. DISC.	QTY.	DESCRIPTION
1	131-222			1	CONNECTOR, male
2	175-007			FT	CABLE (32")
3	131-221			1	CONNECTOR, female

PUBLICATION NO.

061-752
February 1963

©, 1963, Tektronix, Inc., P. O. Box 500, Beaverton, Oregon. All rights reserved.

PLUG-IN EXTENSION
(Part No. 012-070)



REF. NO.	PART NO.	SERIAL NO. EFF.	SERIAL NO. DISC.	QTY.	DESCRIPTION
1	131-222			1	CONNECTOR, male
2	175-007			FT	CABLE (32")
3	131-221			1	CONNECTOR, female

PUBLICATION NO.

061-752
February 1963

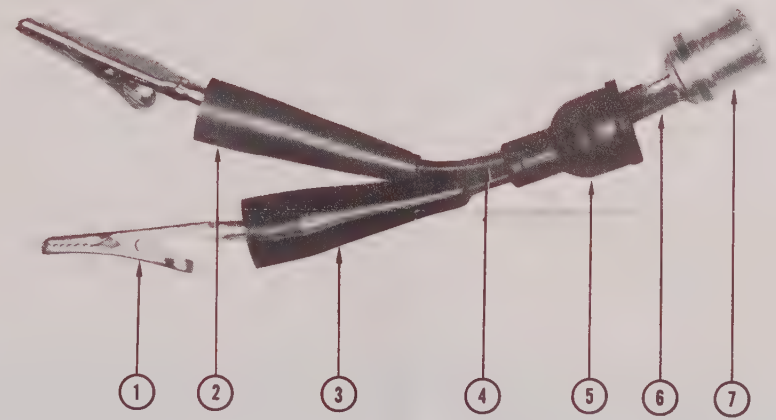
© 1963, Tektronix, Inc., P. O. Box 500, Beaverton, Oregon. All rights reserved.

Cable EXTENDER
(3feet)

012-0124-00

062-0958-00

CLIP LEAD ADAPTER
(Part No. 013-0003-00)



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	344-0001-00			2	CLIP, alligator
2	200-0047-00			1	COVER, alligator clip
3	200-0062-00			1	COVER, alligator clip
4	175-0030-00			FT	CABLE, test lead (.417 ft.) red
5	200-0004-00			1	CAP, ignition, rubber
6	175-0029-00			FT	CABLE, test lead, (.417 ft.)
	- - - - - -			-	black
7	131-0081-00			1	CONNECTOR, chassis mount,
	- - - - - -			-	coax., female
	210-0986-00			1	WASHER, 43/64 x 1/2 inch

PUBLICATION NO.

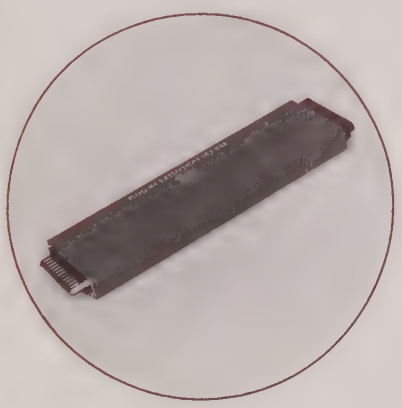
061-0829-00

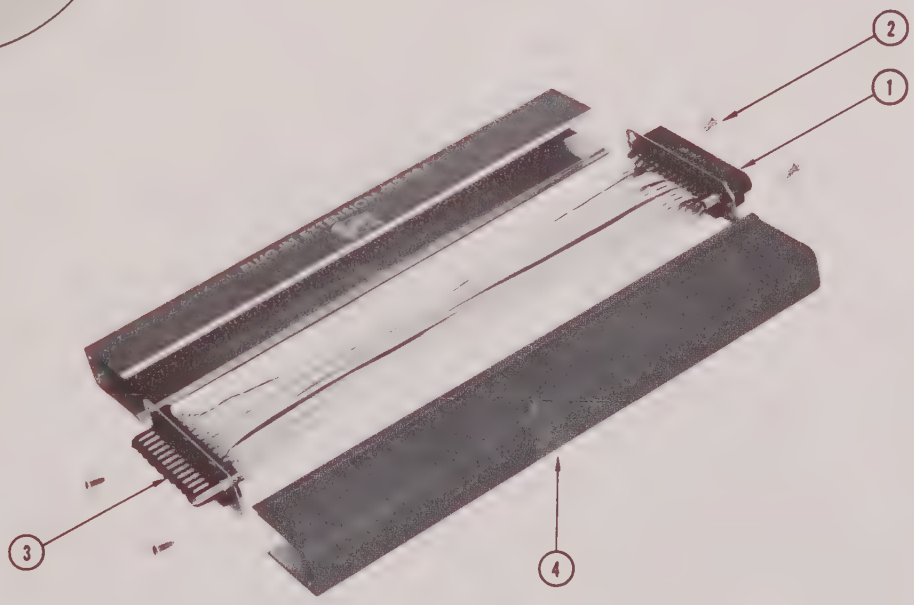
February 1965
(Revised)

Copyright © 1963, 1964, Tektronix, Inc. All Rights Reserved.

062-0956-00

PLUG-IN EXTENSION
(Part No. 013-0034-00)





REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-0148-00			1	CONNECTOR, chassis mt., 24 contact, female
2	213-0119-00			4	SCREW, thread forming, 4-24 x 3/8 Pan HS
3	131-0149-00			1	CONNECTOR, chassis mt., 24 contact, male
4	200-0434-00			2	COVER, plug-in extension

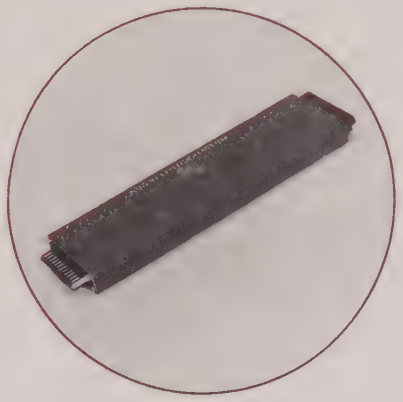
PUBLICATION NO.

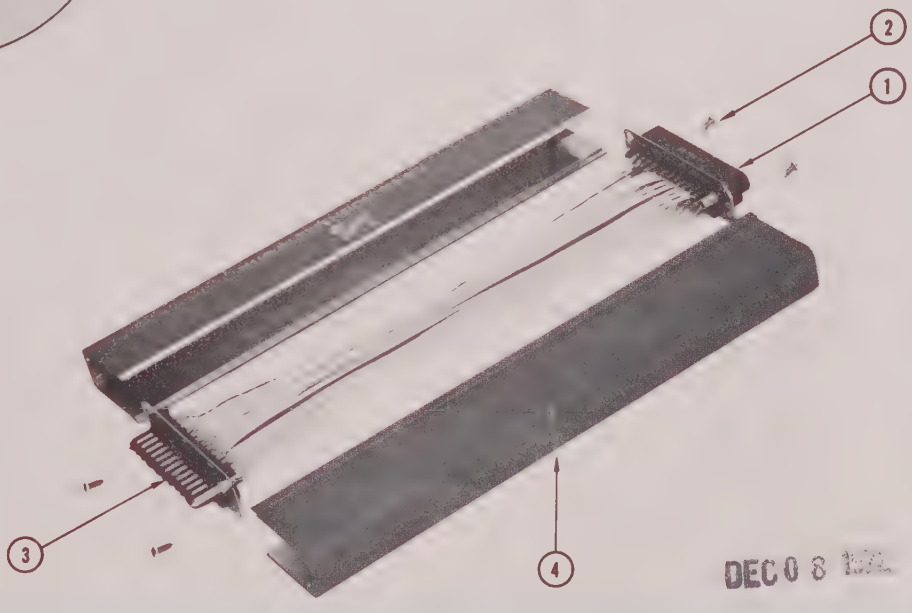
061-0861-00
August 1965
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

RECEIVED JAN 7 1 1973

PLUG-IN EXTENSION
(Part No. 013-0034-00)





DEC 0 8 1972

REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	131-0148-00			1	CONNECTOR, chassis mt., 24 contact, female
2	213-0119-00			4	SCREW, thread forming, 4-24 x 3/8 Pan HS
3	131-0149-00			1	CONNECTOR, chassis mt., 24 contact, male
4	200-0434-00			2	COVER, plug-in extension

PUBLICATION NO.

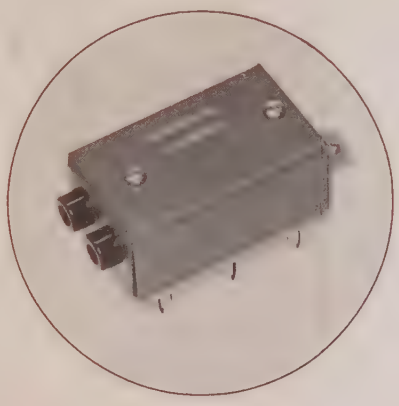
061-0861-00
August 1965
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

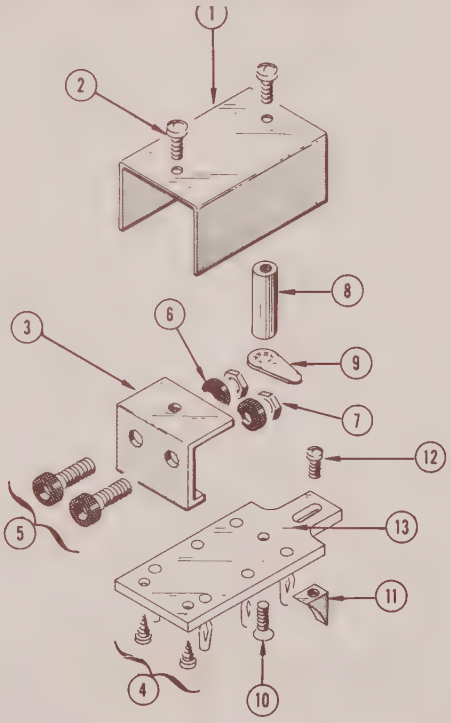
Amfile
AMBERG FILE AND INDEX CO.

R5821 T3

ADAPTER, TERMINAL ASSEMBLY
(Part No. 013-0048-01)



03M12D17



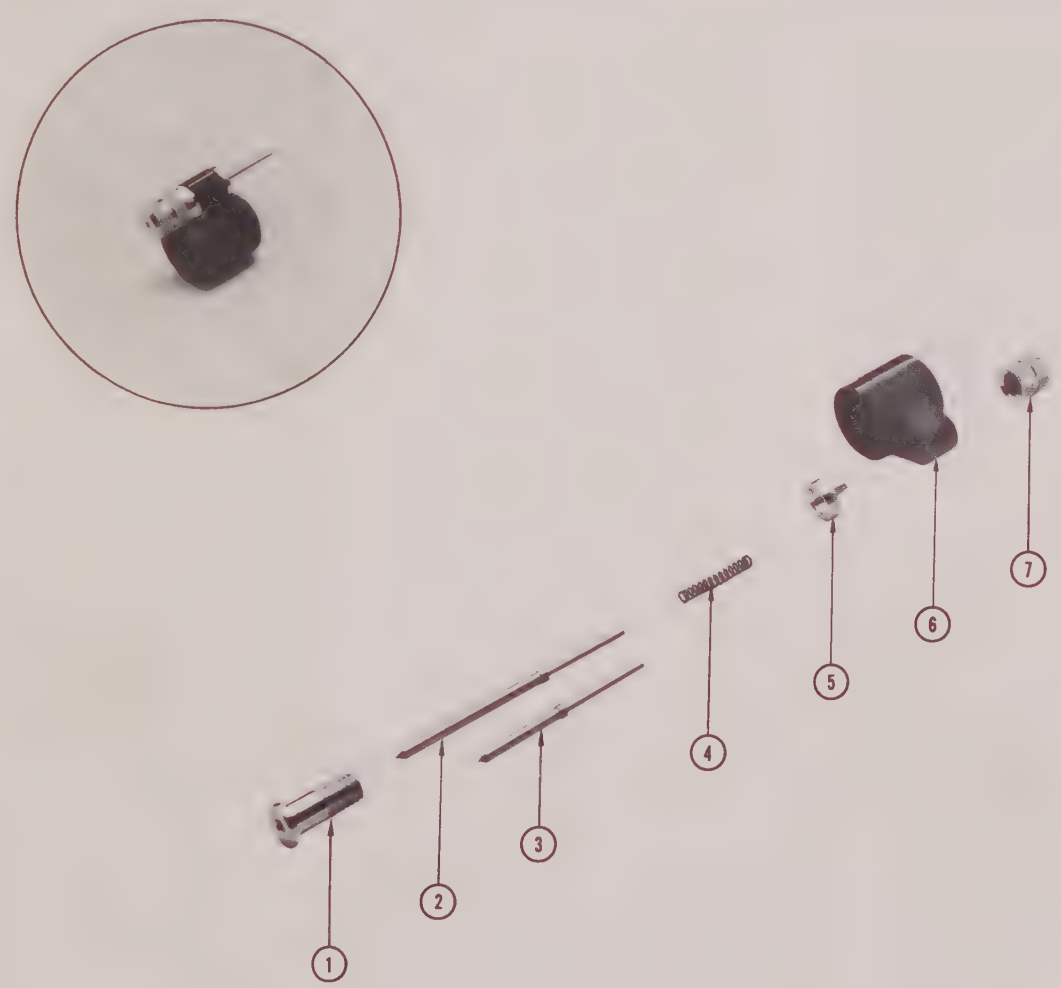
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	200-0400-01			1	COVER
	- - - - - -			-	mounting hardware: (not included w/cover)
2	211-0065-00			2	SCREW, 4-40 x 3/16 inch, PHS
3	406-0836-00			1	BRACKET
	- - - - - -			-	mounting hardware: (not included w/bracket)
4	213-0120-00			2	SCREW, thread forming, 2-32 x 1/4 inch, PHS
5	136-0138-00			2	SOCKET, banana jack assembly
	- - - - - -			-	each socket includes:
6	210-0895-00			1	WASHER, insulating, black
7	210-0465-00			1	NUT, hex., 1/4-32 x 3/8 inch
8	384-0602-00			1	ROD, spacer, 0.844 inch long
	- - - - - -			-	mounting hardware: (not incl. w/rod)
9	210-0227-00			1	LUG, solder, SE #6
10	211-0079-00			1	SCREW, 2-56 x 3/16 inch, PHS
11	401-0021-00			1	CAM, switch actuating
	- - - - - -			-	mounting hardware: (211-0101-00)
12	211-0101-00			1	SCREW, 4-40 1/4 inch, 100°, FHS
13	392-0141-01			1	BOARD, mounting

DATA SHEET NO.

062-0770-00
October 1966
(Revised)

Copyright © 1966, Tektronix, Inc. All Rights Reserved.

BAYONET ADAPTER
(Part No. 013-052)



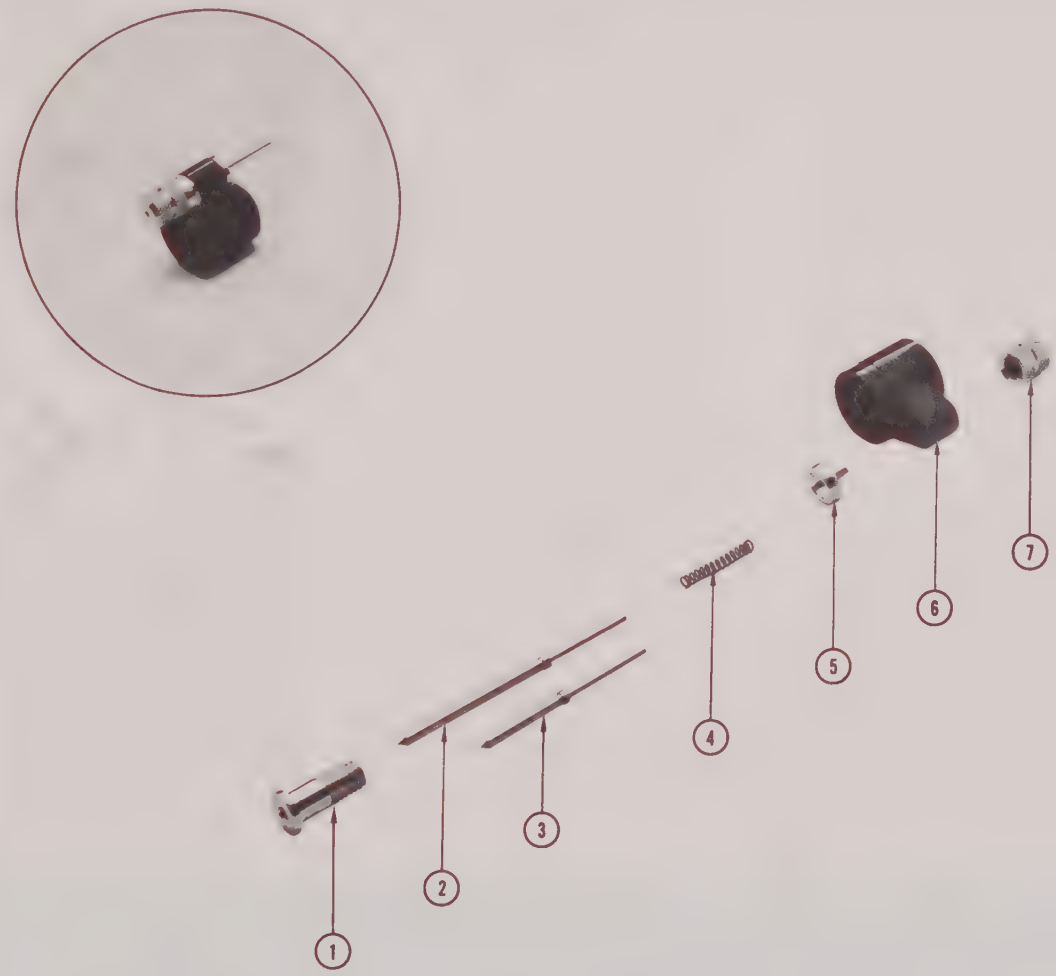
REF. NO.	PART NO.	SERIAL NO. EFF.	SERIAL NO. DISC.	QTY.	DESCRIPTION
1	358-162			1	BUSHING, center guide
2	214-325			1	PIN, center
3	214-300			1	PIN, center
4	214-301			1	SPRING, ground clip
5	358-202			1	BUSHING, probe, ground
6	344-090			1	CLIP, nose ground
7	200-373			1	CAP, ground

PUBLICATION NO.

061-885
April 1963

©, 1963, Tektronix, Inc.,
All rights reserved.

BAYONET ADAPTER
(Part No. 013-0052-00)



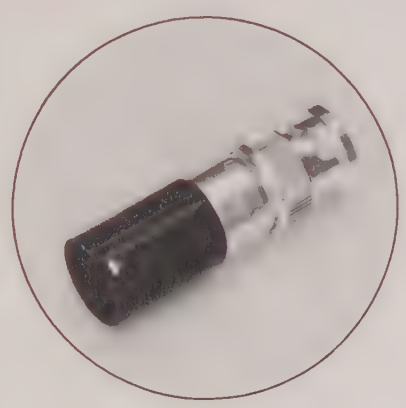
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	358-0162-00			1	BUSHING, center guide
2	214-0325-00			1	PIN, center, 1.640 inch long
3	214-0300-00			1	PIN, center, 1.203 inch long
4	214-0301-00			1	SPRING, ground clip
5	358-0206-00			1	BUSHING, probe, ground
6	344-0090-00			1	CLIP, nose ground
7	200-0373-00			1	CAP, ground

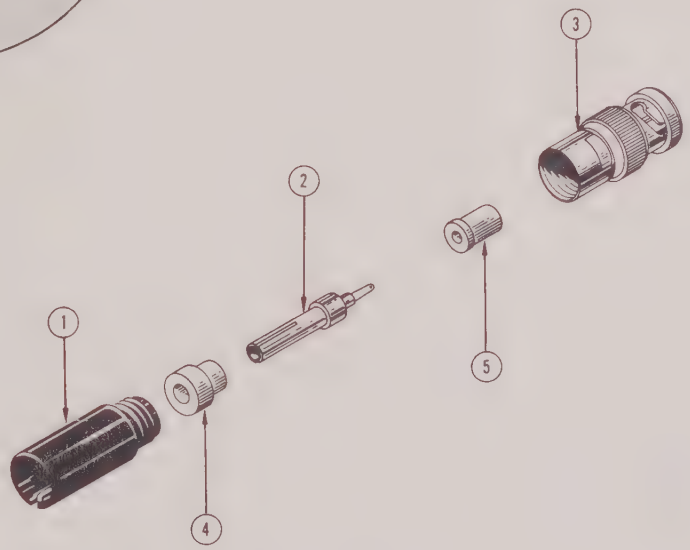
DATA SHEET NO.
061-0885-00
November 1965
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

BNC ADAPTER
(Part No. 013-0054-00)

P6006 + P6008 Probes





REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	344-0107-00			1	CLIP, nose
2	131-0215-00			1	CONNECTOR, center
3	134-0044-00			1	PLUG, probe
4	358-0163-00			1	BUSHING, .260 inch long
5	358-0072-00			1	BUSHING, insulator

PUBLICATION NO.

061-0887-00

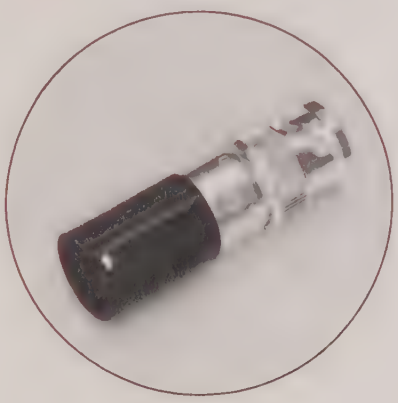
April 1965
(Revised)

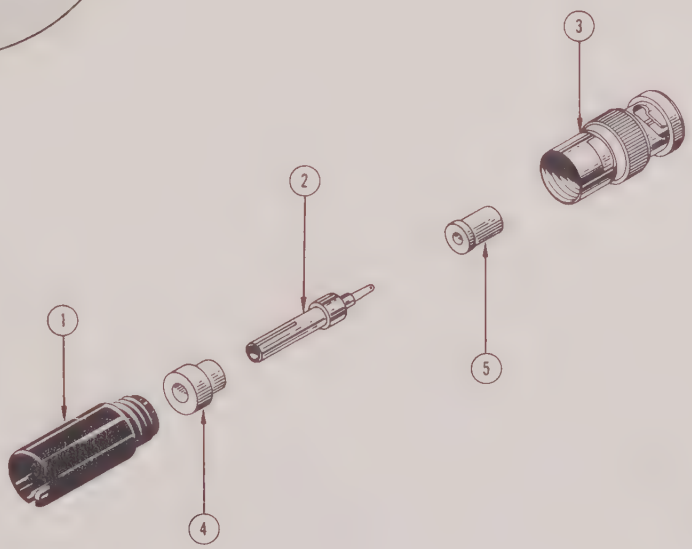
Copyright © 1963, 1964, Tektronix, Inc. All Rights Reserved.

M12121X

BNC ADAPTER
(Part No. 013-0054-00)

P6006 + P6008 Probes





REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	344-0107-00			1	CLIP, nose
2	131-0215-00			1	CONNECTOR, center
3	134-0044-00			1	PLUG, probe
4	358-0163-00			1	BUSHING, .260 inch long
5	358-0072-00			1	BUSHING, insulator

PUBLICATION NO.

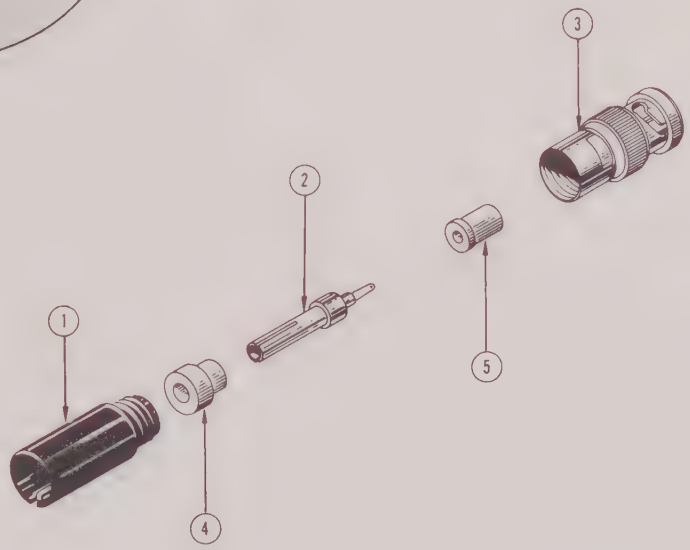
061-0887-00

April 1965
(Revised)

Copyright © 1963, 1964, Tektronix, Inc. All Rights Reserved.

BNC ADAPTER
(Part No. 013-0054-00)

6625-867-5426 MA



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	344-0107-00			1	CLIP, nose
2	131-0215-00			1	CONNECTOR, center
3	134-0044-00			1	PLUG, probe
4	358-0163-00			1	BUSHING, .260 inch long
5	358-0072-00			1	BUSHING, insulator

PUBLICATION NO.

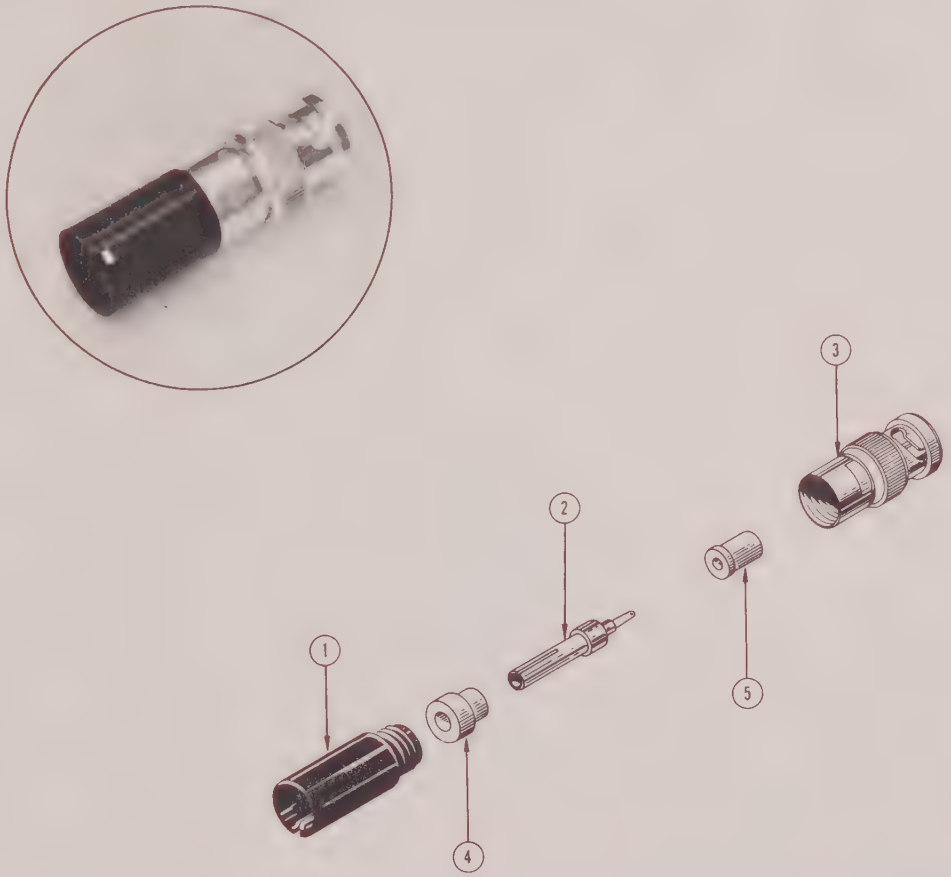
061-0887-00

April 1965
(Revised)

Copyright © 1963, 1964, Tektronix, Inc. All Rights Reserved.

SEP 0 6 197

BNC ADAPTER
(Part No. 013-0054-00)



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	344-0107-00			1	CLIP, nose
2	131-0215-00			1	CONNECTOR, center
3	134-0044-00			1	PLUG, probe
4	358-0163-00			1	BUSHING, .260 inch long
5	358-0072-00			1	BUSHING, insulator

MAY 27 1970

PUBLICATION NO.

061-0887-00

April 1965
(Revised)

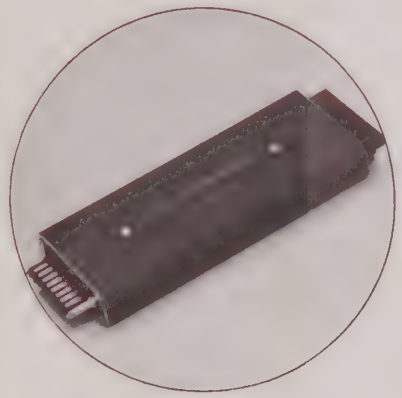
Copyright © 1963, 1964, Tektronix, Inc. All Rights Reserved.

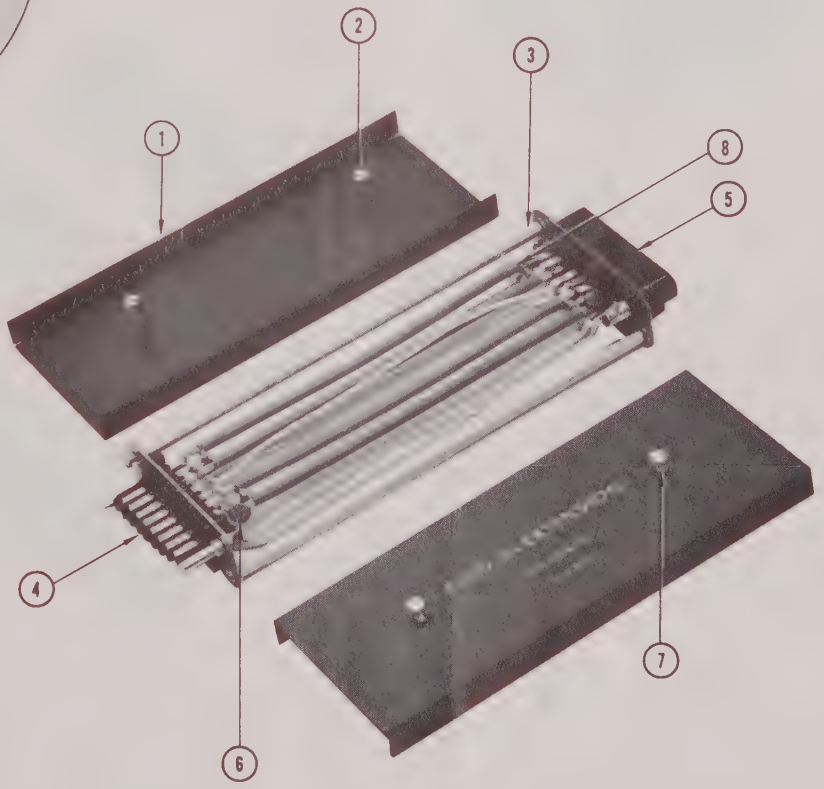
Smead®

No. 2-103½L

HASTINGS, MINN. • LOGAN, OHIO U.S.A.

PLUG-IN EXTENSION
(Part No. 013-0055-00)



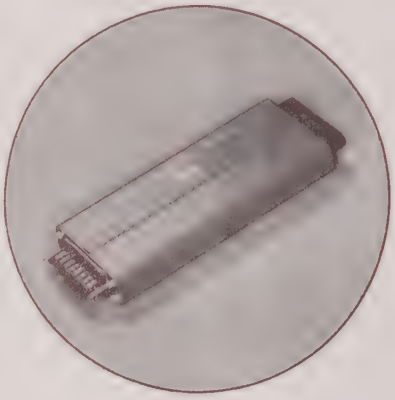


REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	200-0389-00			2	COVER, plug-in extension
2	166-0069-00			2	TUBE, spacer
3	166-0070-00			2	TUBE, spacer, 6 inches long
4	131-0017-00			1	CONNECTOR, 16 contact, male
5	131-0018-00			1	CONNECTOR, 16 contact, female
6	283-0000-00			2	CAPACITOR, 0.001 μF, disc type, 500 V
7	211-0008-00			8	SCREW, 4-40 x 1/4 inch, PHS, phillips,
8	175-0055-00			5	CABLE, coaxial, 93 Ω w/jacket, 5-3/4 inches

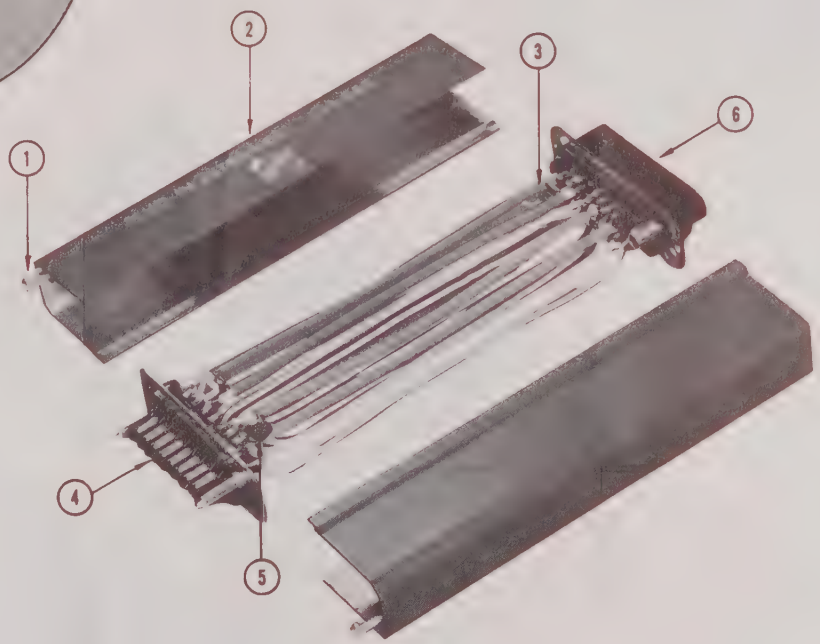
DATA SHEET NO.
061-0888-00
November 1965
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

PLUG-IN EXTENSION
(Part No. 013-0055-00)

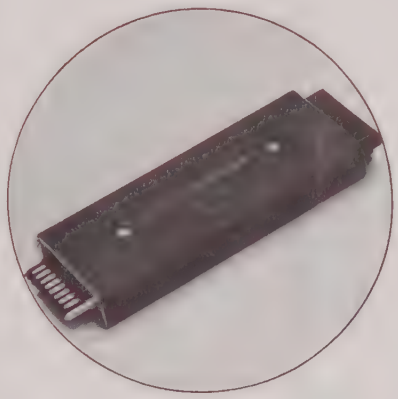


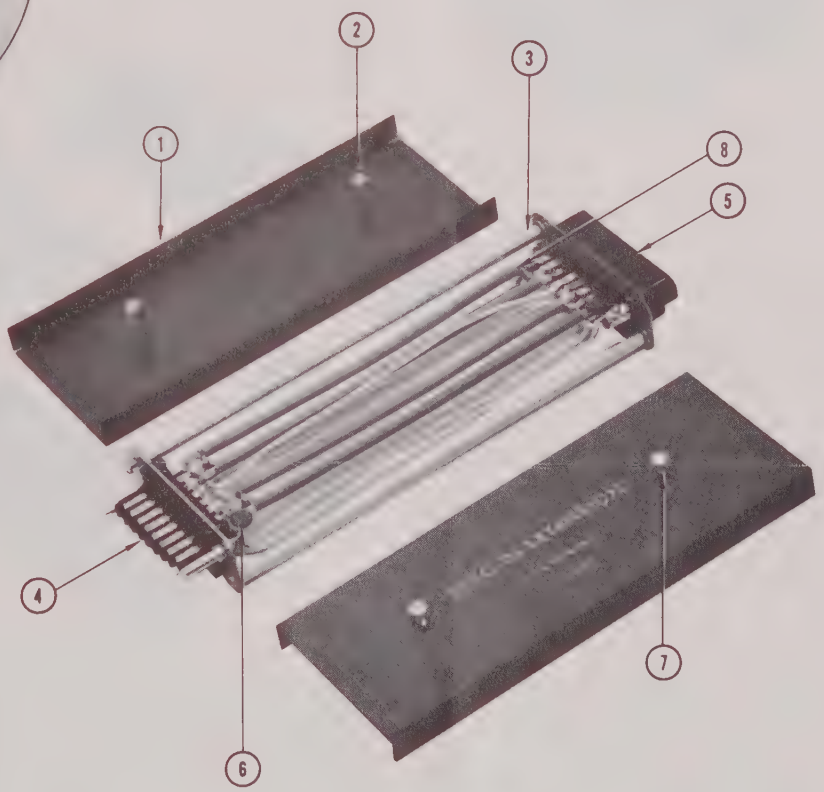
LATE



REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	213-0119-00			4	SCREW, thread forming, 4-24 x 3/8 inch, PHS, phillips
2	200-0432-00			2	COVER, plug-in extension
3	175-0055-00			5	CABLE, coaxial, 93 Ω, w/jacket, 5-3/4 inch
4	131-0017-00			1	CONNECTOR, 16 contact, male
5	283-0000-00			2	CAPACITOR, 0.001 μF, disc type, 500 V
6	131-0018-00			1	CONNECTOR, 16 contact, female

PLUG-IN EXTENSION
(Part No. 013-0055-00)



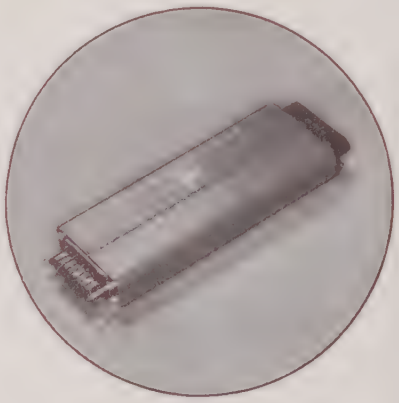


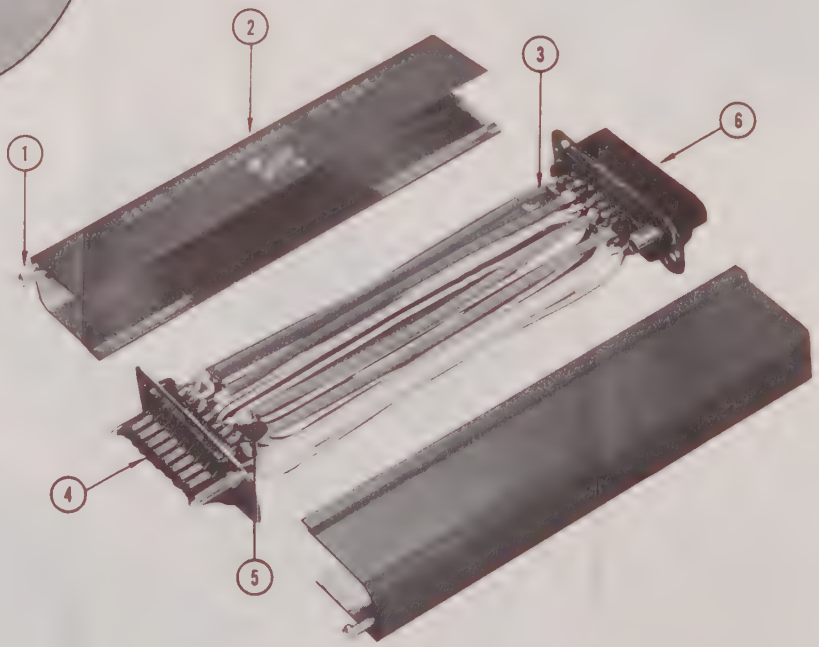
REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	200-0389-00			2	COVER, plug-in extension
2	166-0069-00			2	TUBE, spacer
3	166-0070-00			2	TUBE, spacer, 6 inches long
4	131-0017-00			1	CONNECTOR, 16 contact, male
5	131-0018-00			1	CONNECTOR, 16 contact, female
6	283-0000-00			2	CAPACITOR, 0.001 µF, disc type, 500 V
7	211-0008-00			8	SCREW, 4-40 x 1/4 inch, PHS, phillips,
8	175-0055-00			5	CABLE, coaxial, 93 Ω w/jacket, 5-3/4 inches

DATA SHEET NO.
061-0888-00
November 1965
(Revised)

©, 1963, Tektronix, Inc.,
All rights reserved.

PLUG-IN EXTENSION
(Part No. 013-0055-00)



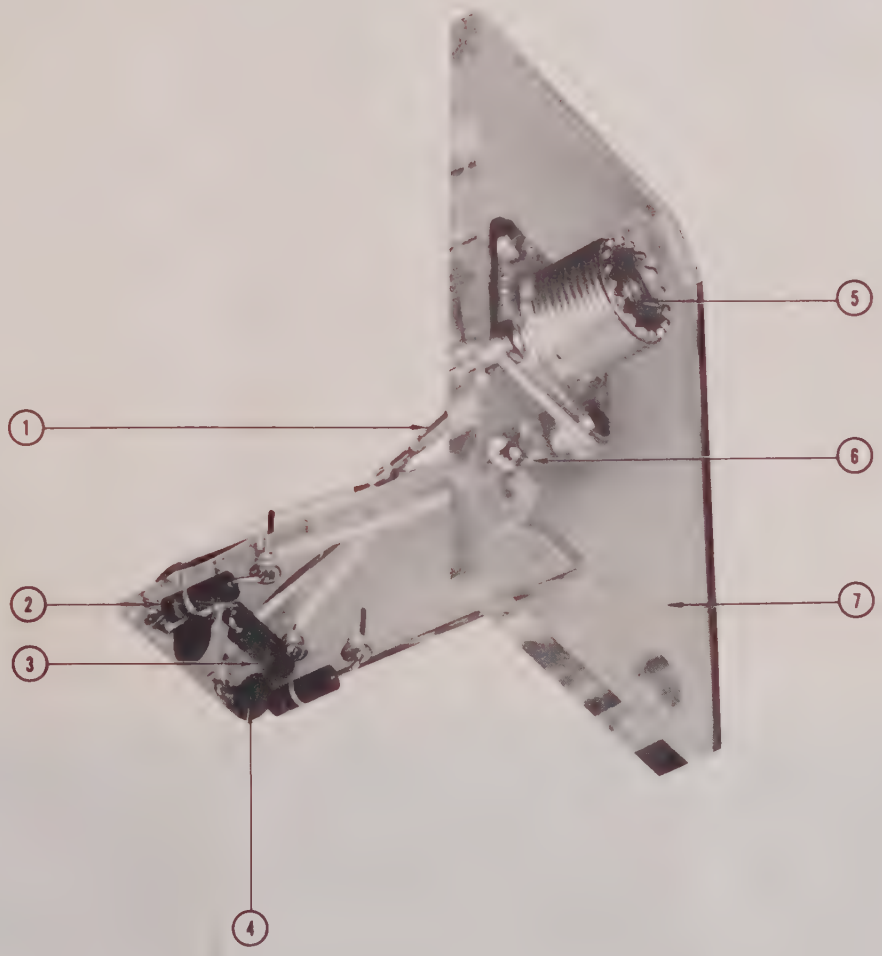


REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	213-0119-00			4	SCREW, thread forming, 4-24 x 3/8 inch, PHS, phillips
2	200-0432-00			2	COVER, plug-in extension
3	175-0055-00			5	CABLE, coaxial, 93 Ω, w/jacket, 5-3/4 inch
4	131-0017-00			1	CONNECTOR, 16 contact, male
5	283-0000-00			2	CAPACITOR, 0.001 μF, disc type, 500 V
6	131-0018-00			1	CONNECTOR, 16 contact, female

611-0054-00

061-0979-00

DEFLECTION PLATE CONNECTOR
(Part No. 013-006)



REF. NO.	PART NO.	SERIAL NO. EFF.	SERIAL NO. DISC.	QTY.	DESCRIPTION
1	131-049			2	CONNECTOR, cable, CRT, pin
2	301-564			2	RESISTOR, 1/2 w, 560 k, 5%
3	301-101			2	RESISTOR, 1/2 w, 100 Ω, 5%
4	283-000			2	CAPACITOR, .001 µf, disc type, 500 v
5	131-012			1	CONNECTOR, chassis mt. coax., 1 contact, female
	211-008			3	SCREW, 4-40 x 1/4 BHS
6	210-201			1	LUG, solder
	166-093			1	TUBE, spacing
	211-012			1	SCREW, 4-40 x 5/16 BHS
	210-406			1	NUT, hex, 4-40 x 3/16
7	200-096			1	COVER, access. assembly

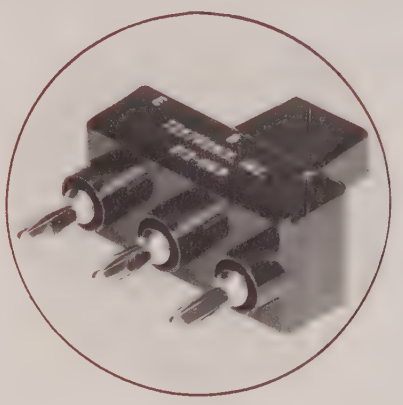
PUBLICATION NO.

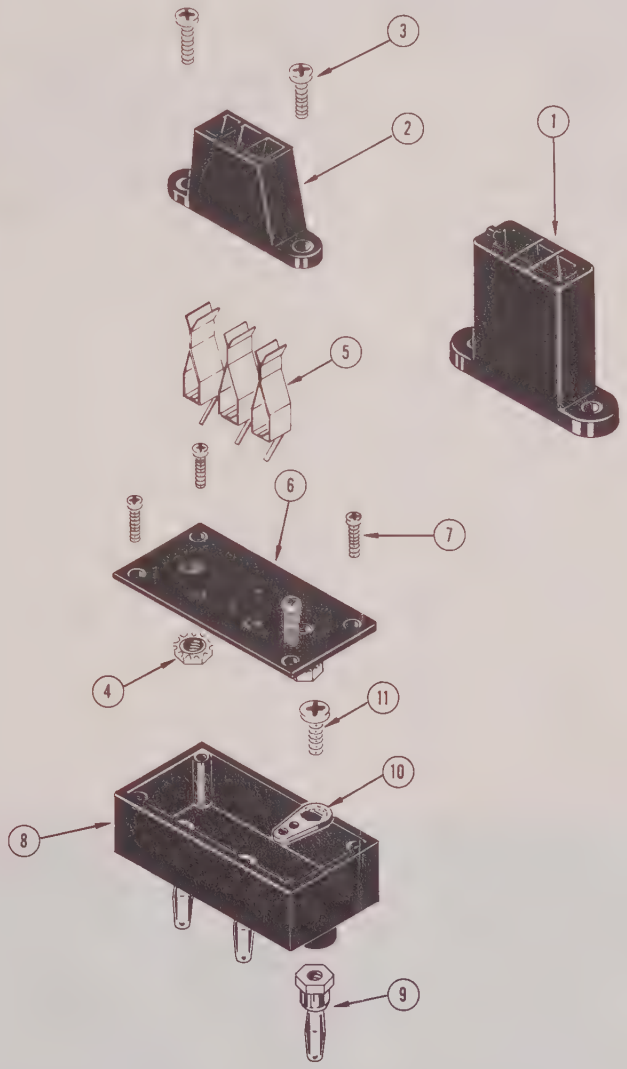
061-801
April 1963

©, 1963, Tektronix, Inc.,
All rights reserved.

mead
No. 153L

3 TERMINAL TRANSISTOR ADAPTER
(Part No. 013-0069-00)





REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
1	200-0139-00	EARLY		1	CAP, plug
2	200-0139-00	LATE		1	CAP, plug
	- - - - - -			-	mounting hardware: (not included w/cap)
3	211-0510-00			2	SCREW, 6-32 x 3/8 inch, PHS
4	210-0457-00			2	NUT, keps, 6-32 x 5/16 inch
5	344-0019-00			3	CLIP, spring, bronze
6	200-0404-00			1	COVER, socket adapter
	- - - - - -			-	mounting hardware:
	- - - - - -			-	(not included w/cover)
7	213-0113-00			4	SCREW, thread forming, 2-32
	- - - - - -			-	x 5/16 inch, RHS

DATA SHEET NO.

061-0947-00
MARCH 1967
(Revised)

©, 1963, Tektronix, Inc., All rights reserved.

3 TERMINAL TRANSISTOR ADAPTER
(Part No. 013-0069-00)

REF. NO.	PART NO.	SERIAL/MODEL NO. EFF.	SERIAL/MODEL NO. DISC.	QTY.	DESCRIPTION
8	202-0120-00			1	BOX, socket adapter
9	134-0013-00			3	PLUG, banana, 6-32 tap
	- - - - - -			-	mounting hardware for each:
	- - - - - -			-	(not included w/plug)
10	210-0202-00			1	LUG, solder, SE 6
11	211-0537-00			1	SCREW, 6-32 x 3/8 inch, THS

CASCADE
CASCADE
CASCAD
L2-C1181-1/2E